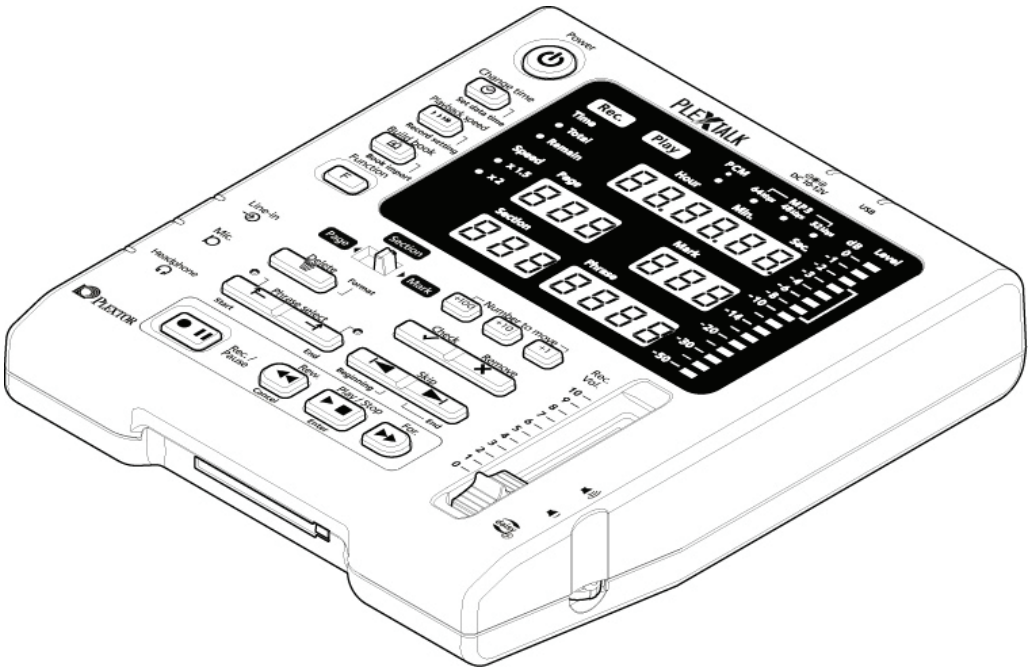
PLEXTALK®

Digital Recorder DR-1 User's Guide



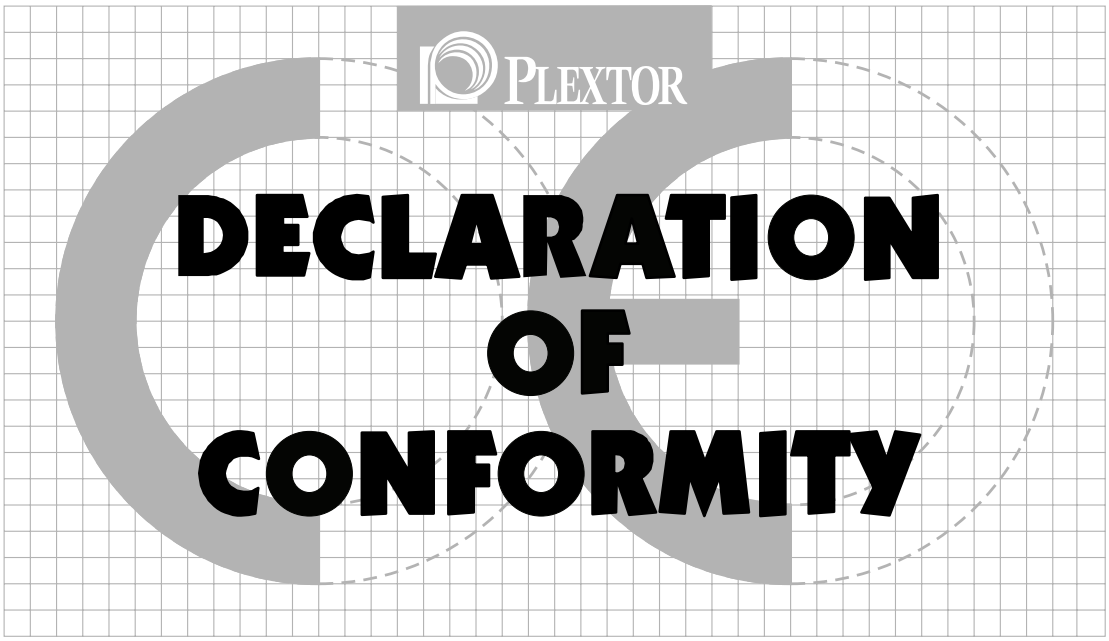
This User's manual includes important information and explains proper product handling to prevent an accident. Please read this manual to use DR-1 safely.
Please keep it in the place in which it is always seen.

Fraunhofer IIS Institut Integrierte Schaltungen

MPEG Layer-3 audio compression technology licensed by Fraunhofer IIS and THOMSON multimedia.
http://www.iis.fhg.de/amm/

daisy DAISY2.0 compatible

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Application of Council Directives:	2006/95/EC, 2004/108/EC
Manufacturer's Name:	Shinano Kenshi Co.,Ltd.
Manufacturer's Address:	6-15-26 Chuo, Ueda-Shi, Nagano-Ken, 386-0012 JAPAN
Importer's Name:	PLEXTOR S.A./N.V.
Importer's Address:	Excelsiorlaan 9, 1930 Zaventem, Belgium Tel: +32.2.725.55.22 FAX: +32.2.725.94.95
Type of Equipment:	PLEXTALK Digital Recorder
Models:	DR-1
Conforms to the following standards:	EMC: EN 55022:2006 EN 55024:1998+A1+A2:2003 EN 61000-3-2: 2000+A2:2005 EN 61000-3-3: 1995+A1+A2:2005 SAFETY: EN 60950-1:2001

I, the undersigned, hereby declare that the equipment specified above conforms to the above directive (s) and standard (s).

Place: *Zaventem* *Date:* 1 September, 2007

PLEXTOR S.A./N.V.

Signature: *Position:* General Manager

Masahiko Takao

IMPORTANT

FCC NOTICE

Declaration of Conformity
Model Number: DR-1
Trade Name: PLEXTOR
Responsible party: PLEXTOR LLC
Address: 830 Hillview Court, Suite 210 Milpitas, CA 95035 U.S.A.
Telephone Number:1.408.719.3000

This device complies with Part 15 of the FCC Rules, Operation is subject to the following two conditions :
(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
_ Reorient or relocate the receiving antenna.
_ Increase the separation between the equipment and receiver.
_ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
_ Consult the dealer or an experienced radio / TV technician for help.

CAUTION:
Any changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canadian Department of Communications Statement
This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

This class B digital apparatus complies with Canadian ICES-003.
Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

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Safety Information

The following gives you information about how to operate your DR-1 safely, including information about the operating environment and about safe handling of the rechargeable battery. It is essential that you read this information carefully as failure to take note of it may invalidate your guarantee and could cause serious injury to yourself or others.

Safety terms and symbols used in this guide

The following terminology and associated symbols, relating to safety and points of note, has been used throughout the guide:

	DANGER: A danger notice warns you of “Cautions” (including “Warning”) that must pay special attention that could cause serious personal injury. Failure to follow the precautions highlighted in this way could result in serious injury or death, fire, or electrical shock.
	WARNING: A warning notice denotes “Prohibition” (Don’ts) that could result in personal injury**.**
	CAUTION: A caution notice denotes “Strict Observance” you must follow that could lead to damage or destroy the PLEXTALK product, destroy the recording media, destroy or affect your data or computer configuration.

WARNING!	Please take careful note of all the following points regarding general safe use of DR-1. Inappropriate handling may lead to serious physical injury to human body.

	Do not allow any foreign matters, such as clips, coins, and staples from the clearance of DR-1. It is very dangerous that it may cause short-circuit and may lead to fire, electric shock and breakdown.
	Do not disassemble, repair, and remodel DR-1. It may lead to a cause of fire, electric shock and product damage, and it is very dangerous.
	Do not use DR-1 other than supplied AC power adaptor and power cord. It may lead to a cause of fire, electric shock and product damage.
	Do not use DR-1 in the bathroom and the place where rain hits and high moisture exists. It may lead to a cause of fire, electric shock and product damage.
	Do not get DR-1 wet. It may cause electric shock. If water penetrates in the product, immediately unplug the power cord out of the electrical outlet and contact the store you purchased DR-1.



Do not pull out the power plug from the electrical outlet with wet hands. It may cause electric shock.



Do not place any thermal appliances near the power adaptor and the power cord. Coating may melt, and it may cause fire and electric shock.



Do not damage the power adaptor and the power cord. If you place something heavy on DR-1 and tuck DR-1 into something, it gets damaged and may lead to a cause of fire and electric shock.



When you unplug the power adaptor and the power cord, do not hold the cable to pull it out. The cable may cut off, and it may lead to a cause of fire and electric shock.



Take the dust off from the plug of the power cord regularly. Dust may lead to a cause of fire.



Do not connect many loads on one electrical outlet. If the product is used with exceeding rated current, and it may lead to a cause of fire and product breakdown.



If any product damages or abnormalities, such as smoke, offensive odor, breakdown from dropping are found, stop using the product urgently. It may cause of fire and electric shock. Unplug the power cord immediately and contact the store you purchased DR-1.



Do not put anything on DR-1 or cover DR-1 with cloth or plastic sheet. Do not place DR-1 anywhere does not allow air to pass through easily. Product internal cooling system becomes insufficient, and it may cause fire or electric shock.



Do not expose DR-1 to dusty areas, direct sunlight, close to the heating appliances, cellular phones, audio amplifier, microwave oven, toaster, and hair dryer, and other places where heat or heat and electric wave is generated. It may cause fire or electric shock.

CAUTION!

Please observe the following safety precautions. Failure to use DR-1 may cause physical injury to human body or physical damage.



Place DR-1 near the power supply outlet for easy reach to the power supply adaptor.



Always pull out the power plug from the outlet when you move DR-1 to prevent the electric shock accident and the breakdown.



Always unplug the power plug from the electric outlet when not using DR-1 for a long time.



Be careful not to drop or jolt DR-1 when you move. It may cause breakdown to a precise part in the device.



Using the headphone for a long time may exert a harmful influence to hearing sense.



To wipe dust and dirt off, prepare tightly squeezed damp soft and clean cloth with water or soap water.



Do not use thinner, benzine and any alcohols solvent that damages on the surface of DR-1.



Insert the CF card in the correct direction. If inserting it in the wrong direction, it leads to a cause of damage. Never add excessive power.

Legal and copyright Information

Copyright information about this guide

Shinano Kenshi reserves the right to modify the products described in this guide at any time without prior notice.

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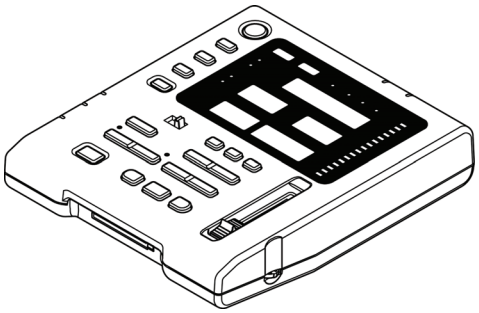
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Chapter 1 Introduction

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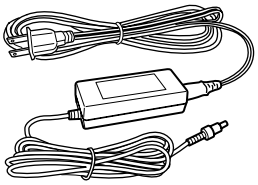
What you get in the box?

☐ Digital Recorder DR-1 1



☐Power Cord 1

☐Power Adaptor 1



☐ PLEXTALK Recording Software (PRS) Installation CD 1

PLEXTALK Recording Software (PRS) is bundled with DR-1. Designed for Windows PCs, it is a simple DAISY recording and editing tool with voice guidance to make it accessible to people who are blind or partially sighted.

☐Quick manual 1

☑ User's manual (This manual) 1

Accessories NOT included in this package

Below listed accessories are not included in this package.
These items are available and can be purchased separately at the electronics retail stores.

CF card, Microphone, Headphone, USB cable

What is a Digital Recorder “DR-1”?

“DR-1” is a digital recorder that can perform the work of "Recording", "Proofreading", and "Correction" in DAISY book production.

As for the work of DAISY book production, refer to "Flow of DAISY book production (p.12)."

Features of DR-1

1. No complicated setup is required.
   You can start recording after just inserting the CF card and connecting the microphone. (*)
2. DR-1 makes DAISY book creation easy and simple.
   It has not only recording but also simple editing function such as breaking section or page.
3. Bigger keys and display help you operate easily.
   Easily understand the recording status by displaying the elapsed time, remaining recordable time, the number of phrases, the mark that can be inserted at any position.

(*) CF card and microphone are not included in DR-1 package.
Please purchase them separately.

What is DAISY?

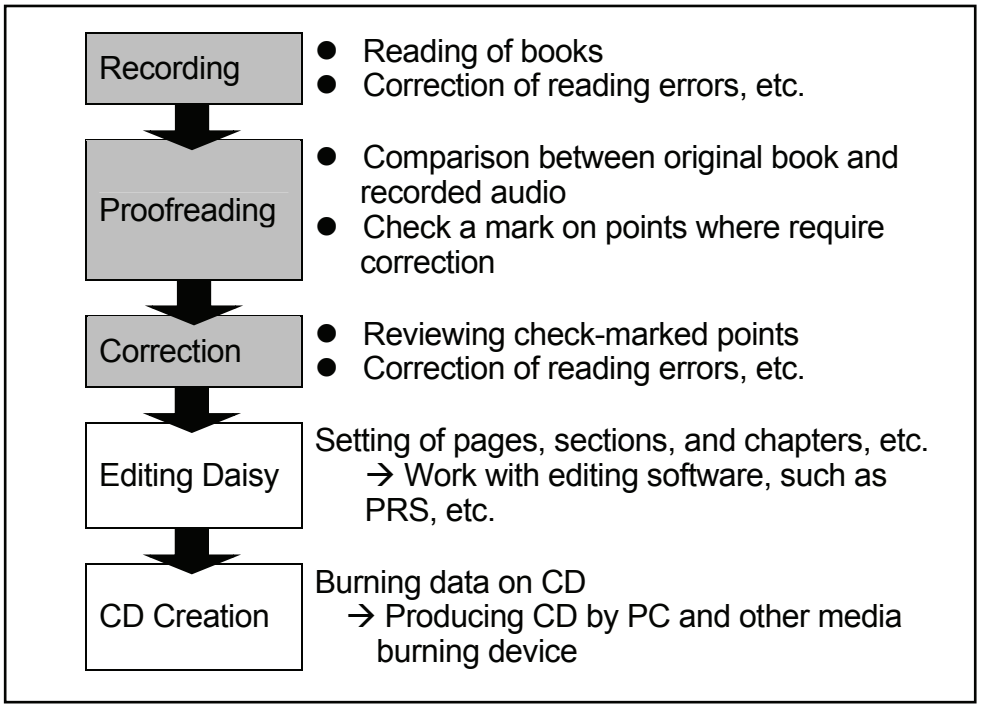
What is a DAISY book?

DAISY, which is an abbreviation for Digital Accessible Information System, is a standard of a digital recording book that was developed for a visually impaired person or people who have a difficulty reading ordinary printed materials.
DAISY's format was developed is being developed as the international standard for digital talking books.

Advantages of DAISY book

1. Available a long-time recording on a single CD.
2. Ability to skip directly to a specific pages, sections, and chapters.
3. Sound quality does not deteriorate even after repeated hearing.

Flow of DAISY book production



= Production process that can be done with DR-1

Terms of DAISY

1) What is a “Phrase”?

When the book is being recorded, the audio files are automatically divided into segments called "phrases". The recording software will decide on where a phrase starts and ends based on the amount of silence between one piece of audio and the next. The length of silence permitted before a new phrase is created is called the "pause time" and can be adjusted by the person making the DAISY recording. In order to detect the audio up into phrases that are not too long or short, a fast reader might require a short pause time and a slower reader a longer pause time. When the recording is finished, the reader can use the phrases as an additional navigation feature.

[Example]

Once upon a time, (pause) a queen was doing needle work (pause) while staring
Phrase 1 Phrase 2

outside her window at the beautiful snow. (pause)
Phrase 3

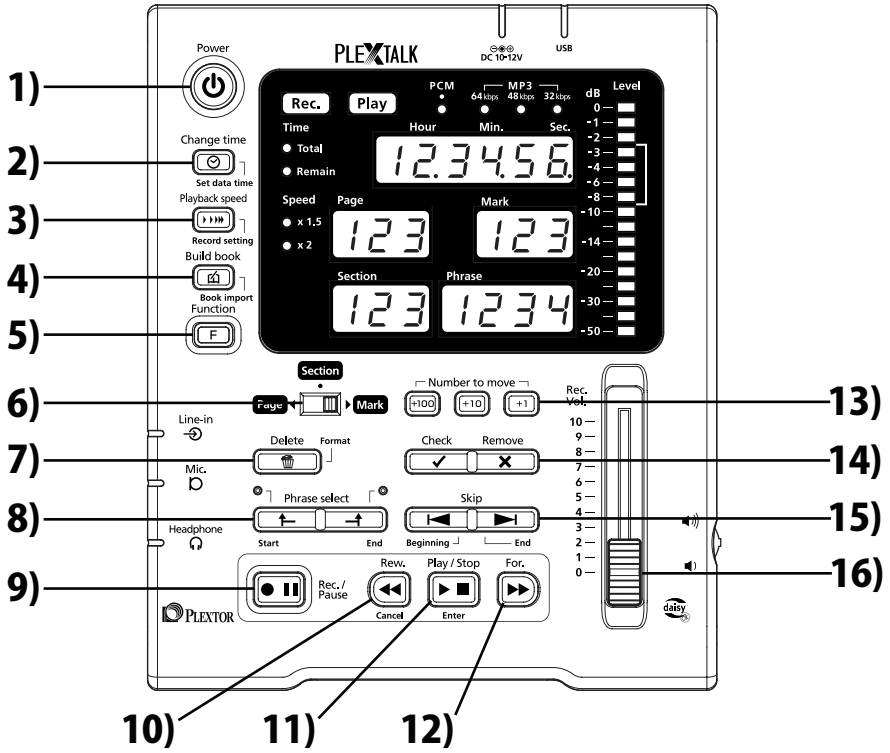
When you cannot detect phrases as desired, please refer to “Change the recording setting (p.51)” to adjust it.

2) What is a “Section”?

A Section refers to the segment of audio between one heading and the next. A section is generally made up of a number of phrases but can have as few as one phrase. Each section has a heading and an associated navigation level. Do not get confused between sections in a DAISY recording and sections of this guide.

Part names and functions

DR-1 top layout (Operation panel)



1) Power
Turn the power ON/OFF.

2) Change time
Change time display and set time.

3) Playback speed
Change playback speed and specify recording setting.

4) Build book
Execute build book and import functions.

5) Function
Use together with another key to execute some functions.

6) Select switch
Change switch setting.

7) Delete
Delete recorded contents.

8) Phrase select
Select the range of phrase.

9) Rec. / Pause
Record/ pause recording.

10) Rew.
Rewind /Jump backwards by the phrase unit.

11) Play / Stop
Play/stop playback.

12) For.
Jump forwards by the phrase unit.

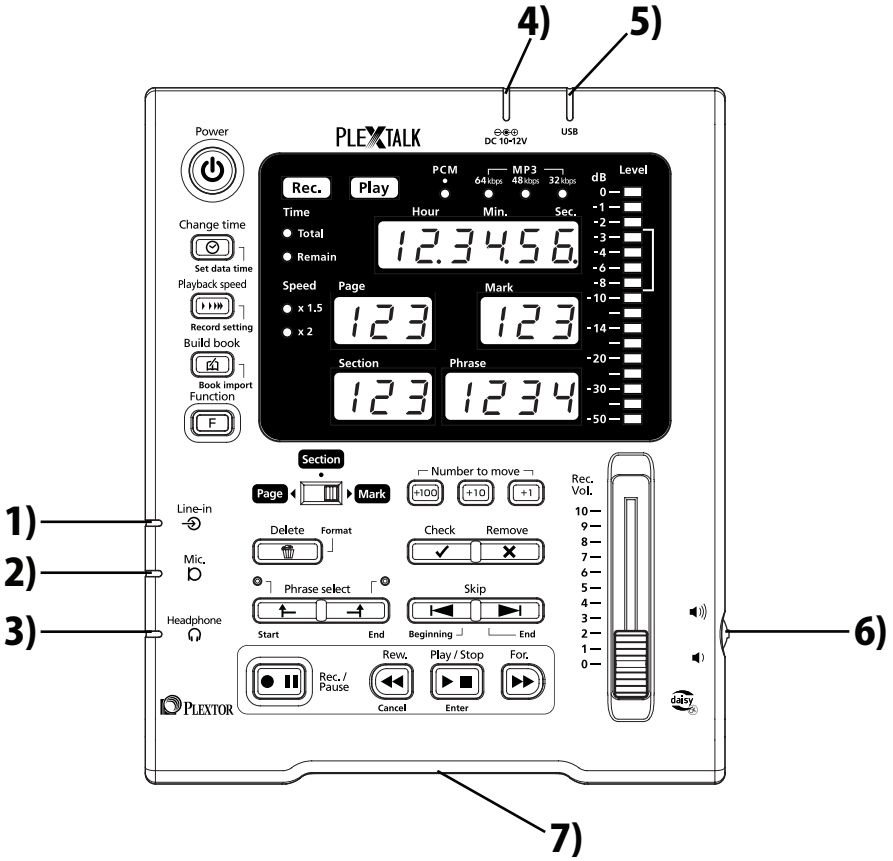
13) Number to move
Set the jumping destination position.

14) Check, Remove
Set/Remove pages, sections, and marks.

15) Skip
Skip by the selected skipping unit.

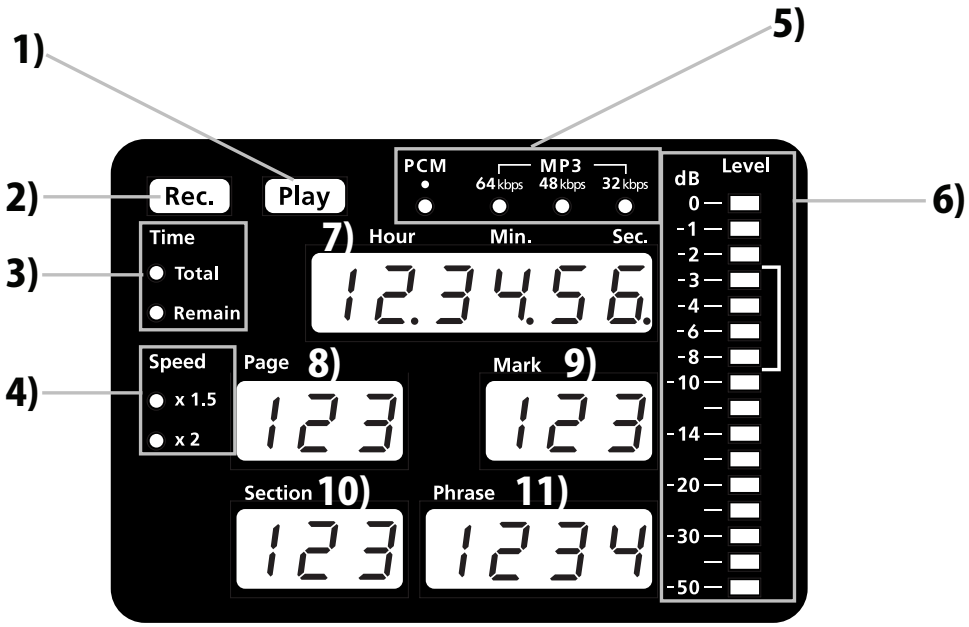
16) Recording volume slider
Adjust recording volume.

Input/output connectors



1) Line input terminal
   Connect the output terminal of VCR, etc.
2) Microphone input terminal
   Connect the output terminal of the microphone.
3) Headphone output terminal
   Connect the input terminal of the headphone.
4) DC input terminal
   Connect the power adaptor.
5) USB cable connector
   Connect the terminal of PC.
6) Volume shuttle
   Adjusting playback volume.
7) CF card loading slot
   Insert a CF card.

Display panel



1) ”Play” lamp
Flash during playback.

2) ”Rec.” lamp
Flash at “Rec./Pause” and the light comes up during recording.

3) ”Time” lamp
Display present elapsed time, total time, or the remaining time.

4) ”Speed” lamp
Display the state of playback speed.

5) ”Sound quality” lamp
Display selected sound quality.

6) Recording level
Display recording level.

7) Hour Min. Sec.
Display the state of time presently showing.

8) Page
Display the present page.

9) Mark
Display the present mark.

10) Section
Display the present section.

11) Phrase
Display the present phrase.

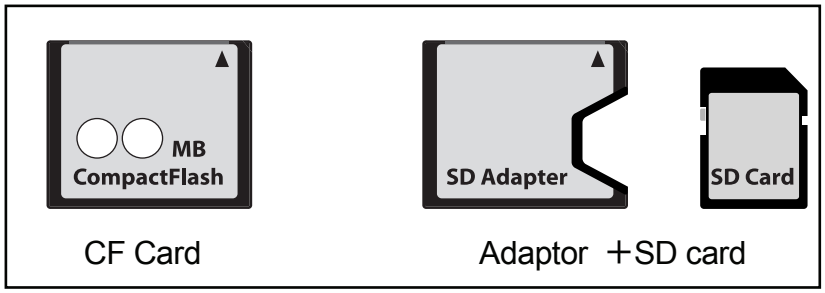
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Prepare a CF card

About a CF card

There are mainly two types of CF (Compact Flash*) card; one is a hard disc type and the other is a memory type (Type I & Type II: 2 sub-types). DR-1 is able to use the memory type of Type I CF card only. Type II CF card cannot be used with DR-1. However, the SD card can be used through the adaptor of the CF card type.
You can use the CF card with up to 8GB capacity and the SD cards with up to 2GB capacity.
* CompactFlash is a registered trademark of SanDisk.



● Recording capacity and standard recording time of CF card

* Unit of Recording time: Hours

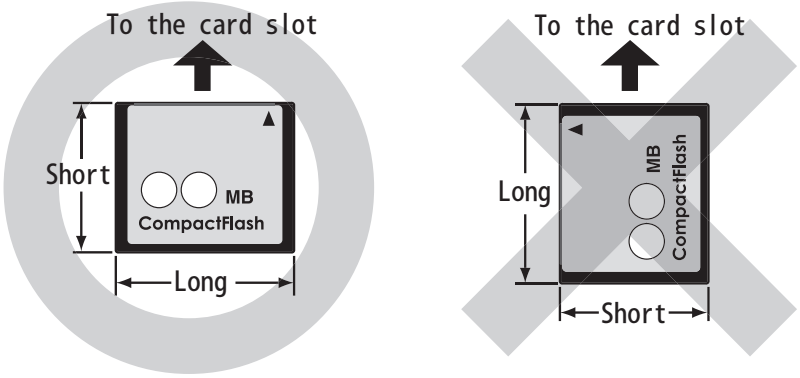
Recording Format	PCM*	MP3*		
Sound Quality	**22.05kHz**	**64kbps**	**48kbps**	**32kbps**
512MB	2.5	15	20	30
1 GB	6	30	40	60
2 GB	12	60	80	120
4 GB	24	120	160	240
8 GB	48	240	320	480

■ Even if you correct a recording error, the audio file physically remains. Therefore, you will need a CF card that has approximately twice large capacity than the capacity indicated in the above table.

How to insert a CF card?

1) Turn OFF the power.

2) Hold the CF card correctly as shown on the left below figure.
(The long sideways of the card goes into the card slot, not the short sideways.)

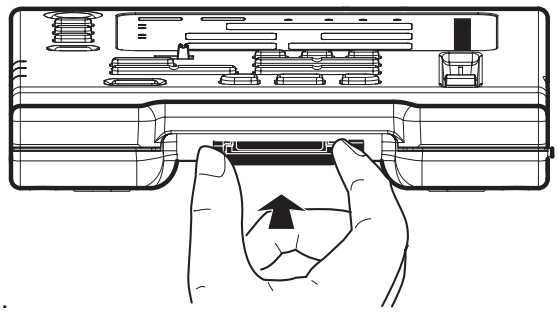


3) There is a very small ridge on the front edge of the CF card. This ridge should be towards you and facing downwards when the card is inserted.



4) Gently align the CF card with the slot and push it carefully in until it is fully home. A slightly firmer push is required at the last part of this process to ensure that it is properly inserted.

NOTE:
Never be tempted to use excess force as you may cause damage to the CF card or DR-1.



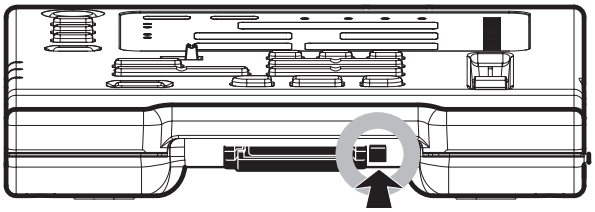
CAUTION!

- **Use of the CF card with label, etc. adhered leads to a cause of the label peel-off at the card insertion and also may trigger a defect when inserting/ejecting the card.**
- **Always insert / eject the CF card in the state of the power-off.**

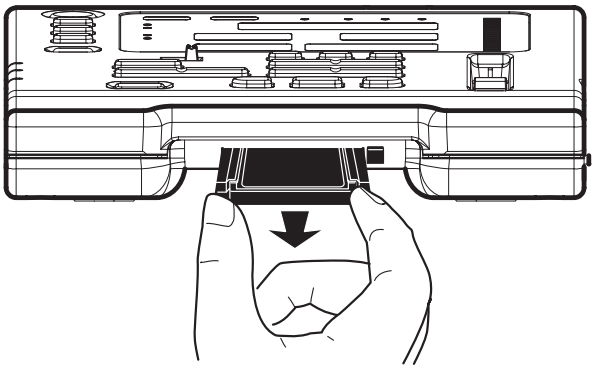
How to eject a CF card?

1) Turn OFF the power.

2) Press the eject key which is located on the right of the CF card slot.



3) Carefully grip the CF card and pull it out of the slot.



CAUTION!

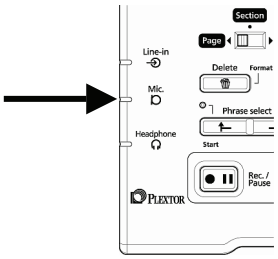
■ Before ejecting the CF card, ensure that the power of DR-1 is turned off. If the CF card is ejected in the state of power-on, stored data in the card may be destroyed.

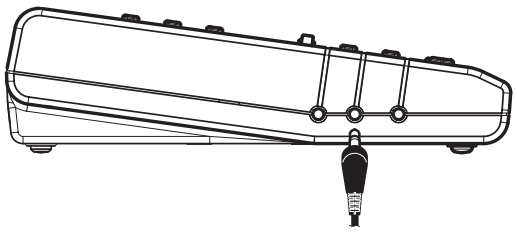
Connecting a microphone and a headphone

Plug in a microphone

Plug in the microphone connector into the input terminal located on the left side of the DR-1.

→ When the line input and the microphone input were connected simultaneously, the microphone input has a priority of the connection. However, the audio of plug-in the line input is not recorded at this time.



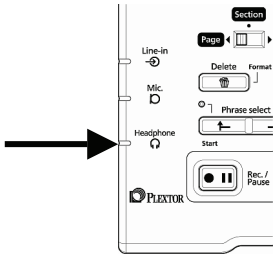


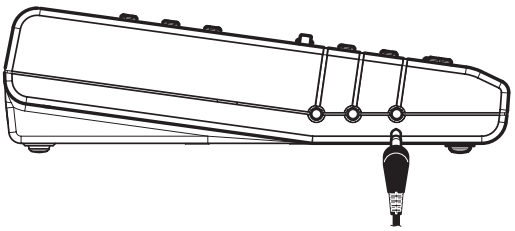
■ The microphone that can be used with DR-1 is a dynamic microphone or a condenser microphone with batteries.
DR-1 is not compatible with the plug-in power microphone.

■ Please refer to “Recommended microphones (p.68)” for the types of microphone for useable microphone with DR-1.

Connecting a headphone

Plug in the headphone connector into the output terminal located on the left side of the DR-1.

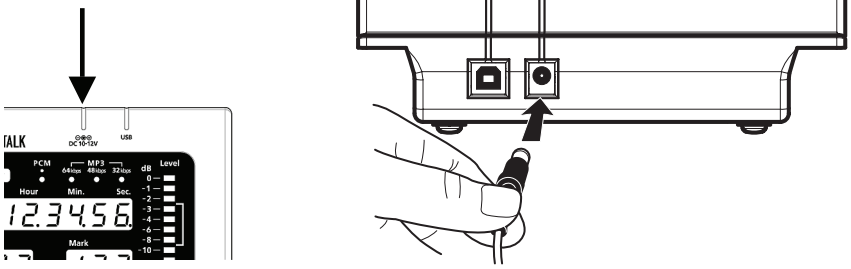




Connecting a power adaptor

1) Plug in the power cord into the DC connector located in the back face of the DR-1.

→ Do not use the power adaptors other than the attachment.



2) Plug the power cord into the electric outlet.

WARNING!

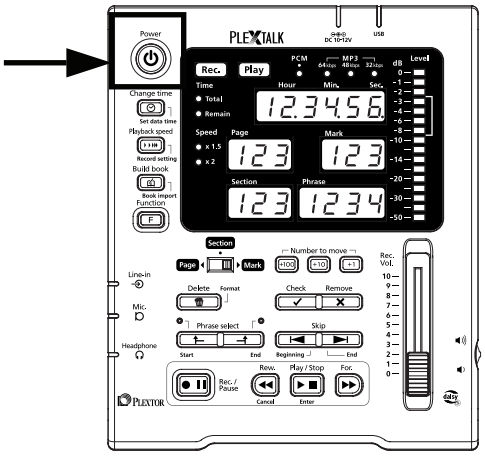
■ Do not use the power adaptor other than the attachment. It may cause fire or electric shock.

Power ON / OFF

Press the main POWER button located on the top surface.

→ Power is turned ON and OFF every time the power button is pressed.

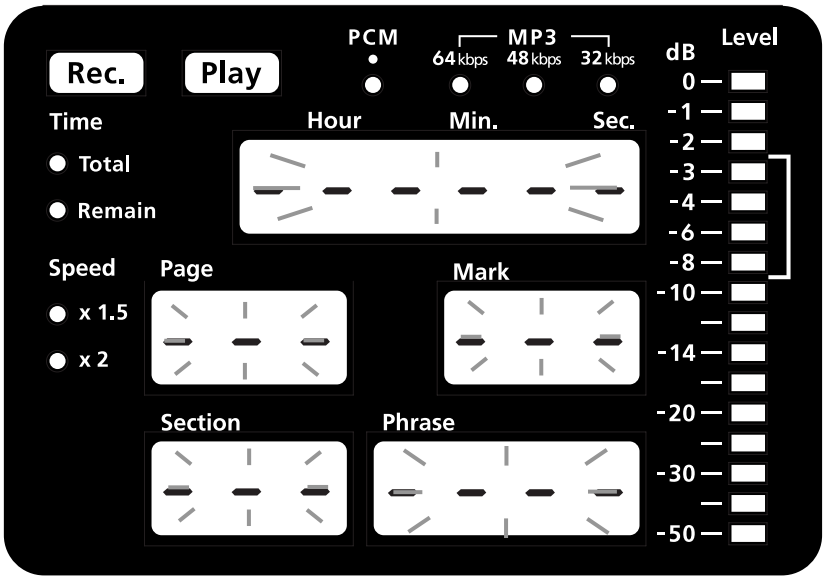
When turning on the power first time, it is necessary to set time. Refer to "Setting the date and time (p.24) " for the procedure.



■DR-1 automatically memorize the final position where the power is turned off. When the power is back on again, it enables to start playback from the previously stopped position.

Display panel while booting-up, processing, and finishing operation, etc.

On a display panel of DR-1, while booting-up, finishing operation, and processing time consuming tasks, the green lamps from the time display part to the phrase display part flashes like one line in side as shown in the below figure. Please wait for a while flashing.



CAUTION!
While flashing the lamps as shown above, do not attempt the following actions:

- Turn off the power.
- Unplug the power adaptor.
- Plug in the USB cable.
- Eject the CF card.

Setting the date and time

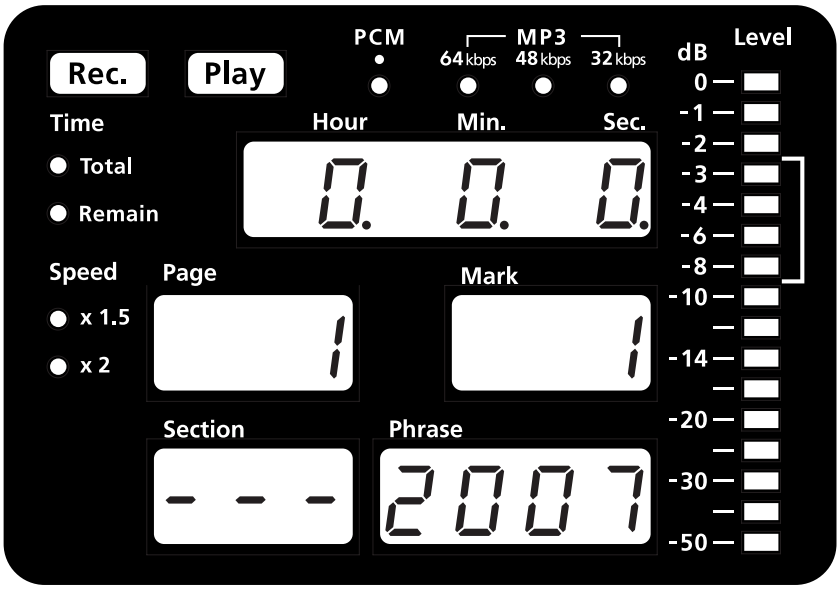
Current time information is required for DR-1 internal file management. When DR-1 saves and stores the recorded data (the project), information on time is used.

When using DR-1 for the first time or not using it for a long time, it automatically enters the state of setting date and time after power is on.

→ Time setting is saved by built-in rechargeable back-up batteries. When using for the first time or not using it for a long time, please energize for 24 hours or more and charge it full.

→ Please set the clock regularly when the difference with accurate time becomes large.

When you turn on the power of DR-1 as a first time, you can see as shown below on the display panel.



NOTE : Actual display may differ from the above sample display depending on the time of purchase of DR-1.

■ Let's set 9:30AM of June 8, 2007 in the following example,

1) Hold down Function **F** **and press** Set data time **.**

→ When first turning the power on, above action is not necessary.



Flash

2) Confirm the flash in the display panel.

→ "Hour" lamp flashes in the "time display window."



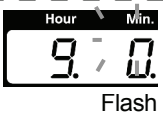
Flash

3) Set “time” by pressing Beginning **and** End**.**



4) Press End **to complete setting.**

→ “Minute” lamp flashes.



5) Set “minute“ by pressing Beginning **and** End**.**

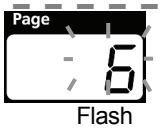


6) Press End **to complete setting.**

→ “Month” lamp flashes.

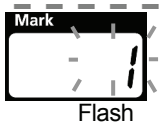


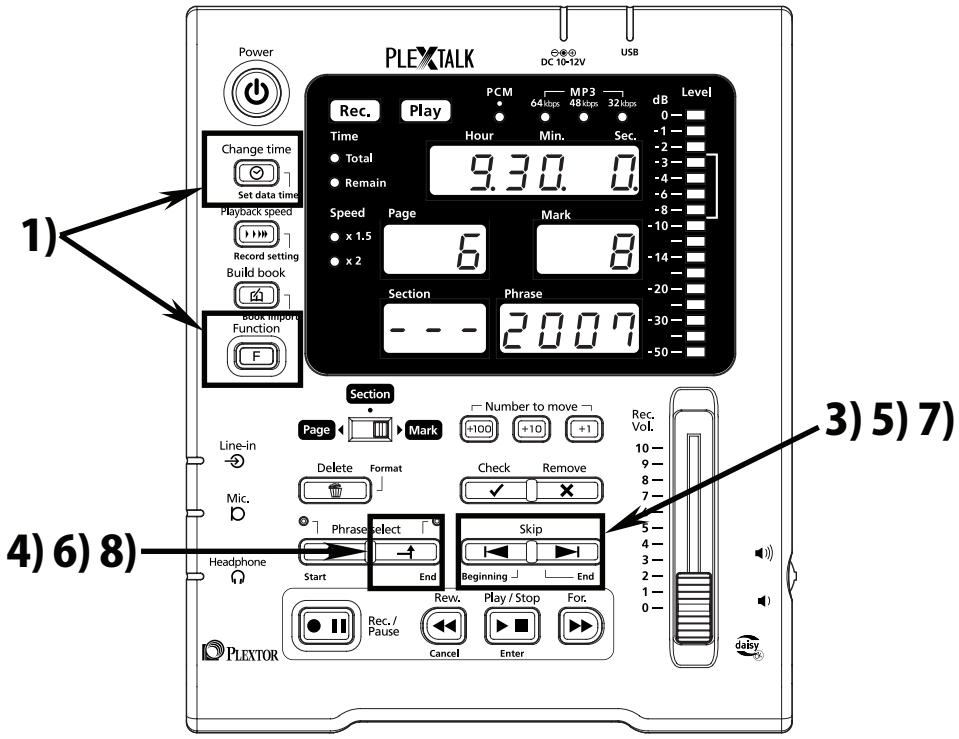
7) Set “month“ by pressing Beginning **and** End**.**



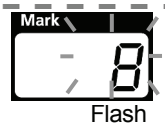
8) Press End **to complete setting.**

→ “Date” lamp flashes.



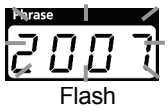


9) Set "Date" by pressing Beginning **and** End.



10) Press End **to complete setting.**

→ "Year" lamp flashes.



11) Set by pressing Beginning **and** End.

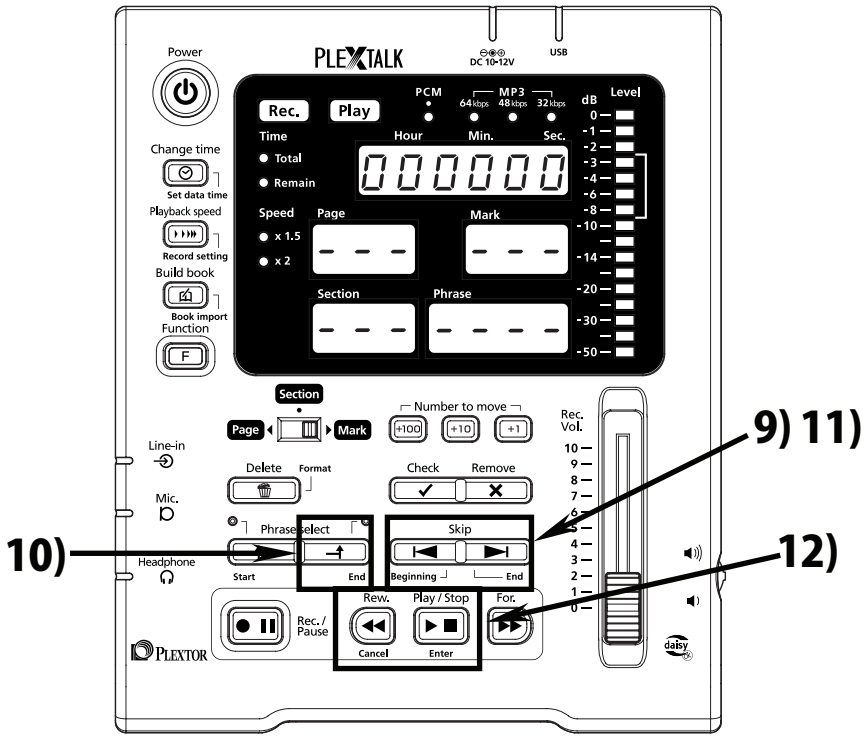


12) Press Play/Stop Enter **to complete setting.**

■ **In case of canceling:**

Press Rew. Cancel **to cancel.**

■ **The time setting cannot cancel when the power is on as the first time.**



Chapter 3
Basic Operation of DR-1

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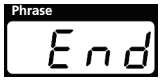
Recording

How to record?

1) Hold down Function [F] and press [⏭ End] to move to the end.

Note) The default recording mode of DR-1 is “Insert recording (p. 42).” Therefore, you should navigate to the end of project before start he recording.

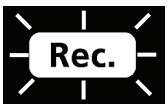
2) Confirm the display showing “ End ” under the phrase display window.



→ Display “*End*” means the end of DAISY book.

→ If the CF card does not contain any data, the phrase display window shows “**- - - -**.”

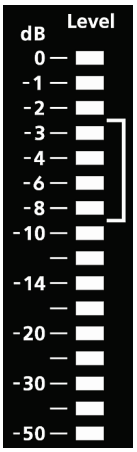
3) Press Rec./Pause [● II] to go into the record / pause state.



Flash

→ “Record” lamp starts flashing.

4) Adjust the recording volume slider.



→ Adjust the recording level while speaking by the same voice volume and the pitch when you read aloud toward the microphone.

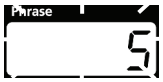
→ Adjust the maximum volume to become - 8dB.

→ The recording volume may momentarily become very loud while actually recording. Please be cautious that the audio volume does not exceed - 3dB.

- The recording setting can be used by the initialization.
- When you change the recording setting responding to the surrounding environment, refer to “Change the recording setting (p.51).”

5) Check “phrase”.

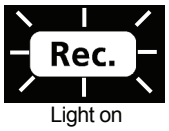
→Every time “Pause time” is left, check the number of phrase increases.



Flash

6) Press Rec./Pause to start recording.

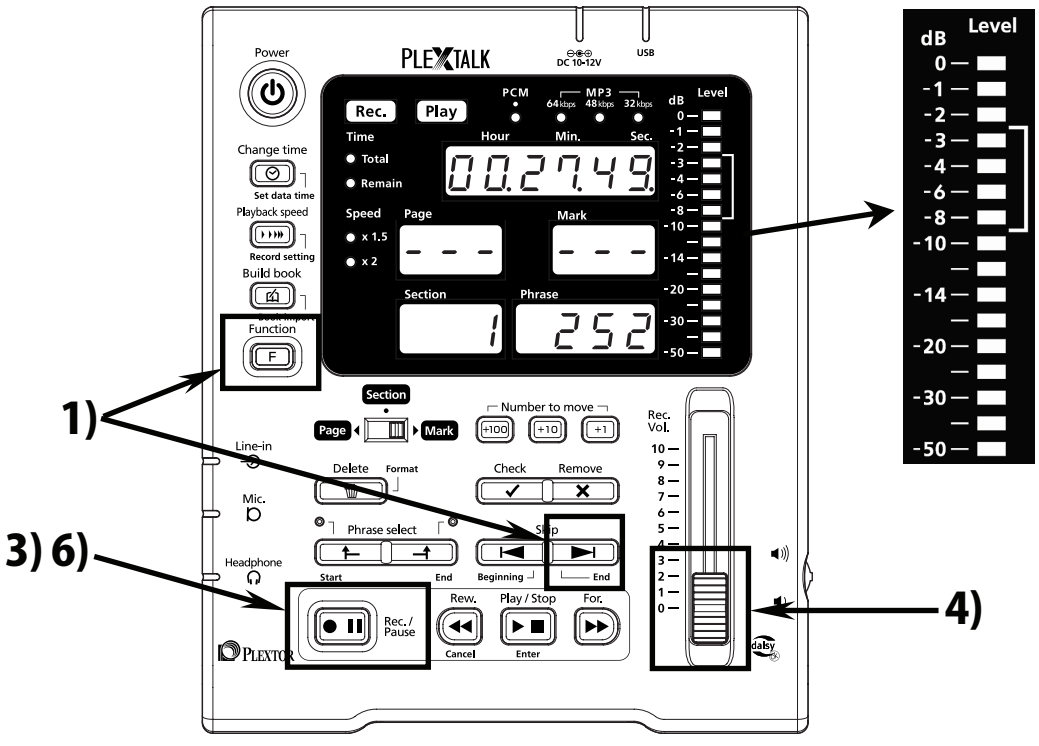
→ **“Recording” lamp lights up.**



Light on

Note: In order to prevent the sound of key operation being recorded, the recording begins 0.5 seconds after pressing the Rec./Pause key.

■ If you cannot delimit the phrase as desired, refer to “Change the recording setting (p.51)” to make an adjustment.

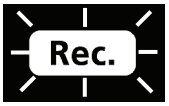


Stop recording

■ **To PAUSE the recording,**

Rec./Pause

Press  **to go into the record / pause state.**

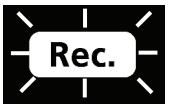


Flash

■**To restart recording from the record / pause state,**

Rec./Pause

Press  **to start recording again.**



Light on

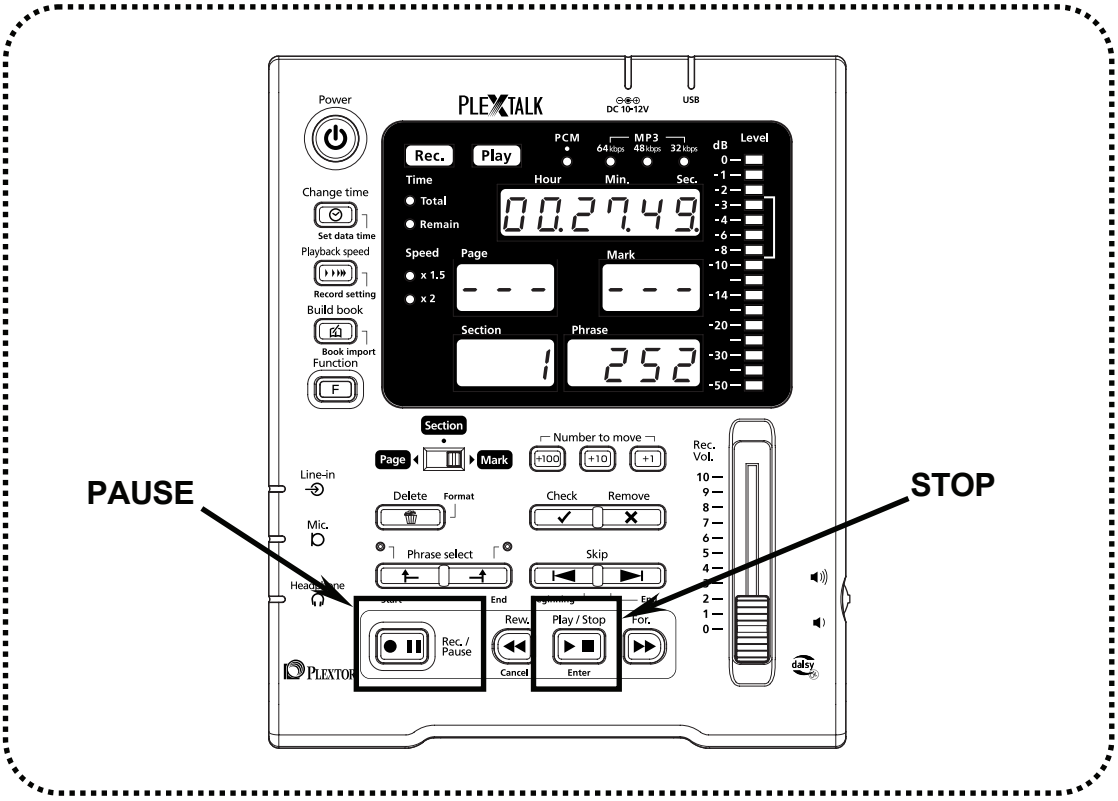
■ **To STOP recording,**

Play/Stop

Press  **to go into the stop state.**



Light off

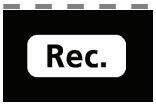


Playback

For other "Navigation/ Jumping" methods, refer to "Navigation (p.36-39)."

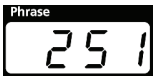
1) Confirm that DR-1 is in the STOP state.

→ Confirm that "Record" mark is turned off.



Light off

2) Press either Rew. ◀◀ or For. ▶▶ to jump the position you want to listen.



→ Jump one phrase by pressing once.
→ Move at high speed while holding down the key.

3) Release the key. (*)

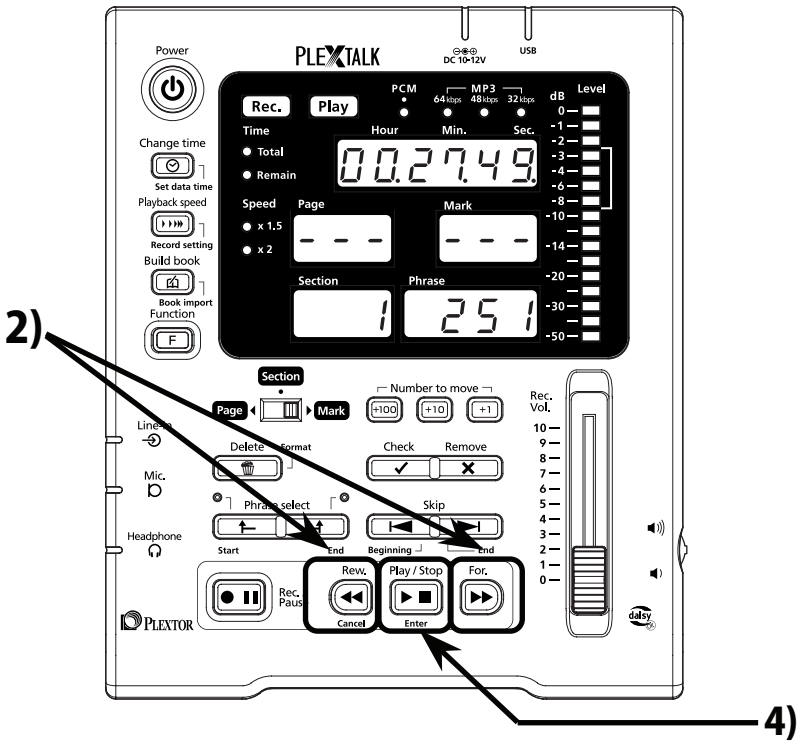
→ Automatically stops after playing back one phrase.

4) Press Play/Stop ▶■ to play.



Light on

(*) When the position is jumped to either the heading or the end, either "toP" or "End" is displayed in the window under the Phrase.
Also, it stops without playback.



Adjusting audio volume of playback

To adjust the audio volume, use the “Volume Shuttle” located on the right side of the DR-1 body. The range of the audio volume is from 0 to 16. The volume level of zero (0) becomes the mute state (silent pause). The default setting volume is eight (8).

■ **Putting the volume down,**

Pull the “volume shuttle” forward by the finger.

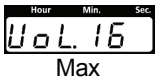


Mute

→Volume level is momentarily displayed on the top of the display panel when the volume shuttle is pulled forward or backward as shown on the right example figure.

■ **Putting the volume up,**

Push the “volume shuttle” backward by the finger.



Max

→ Volume level is displayed on the top of the display panel.

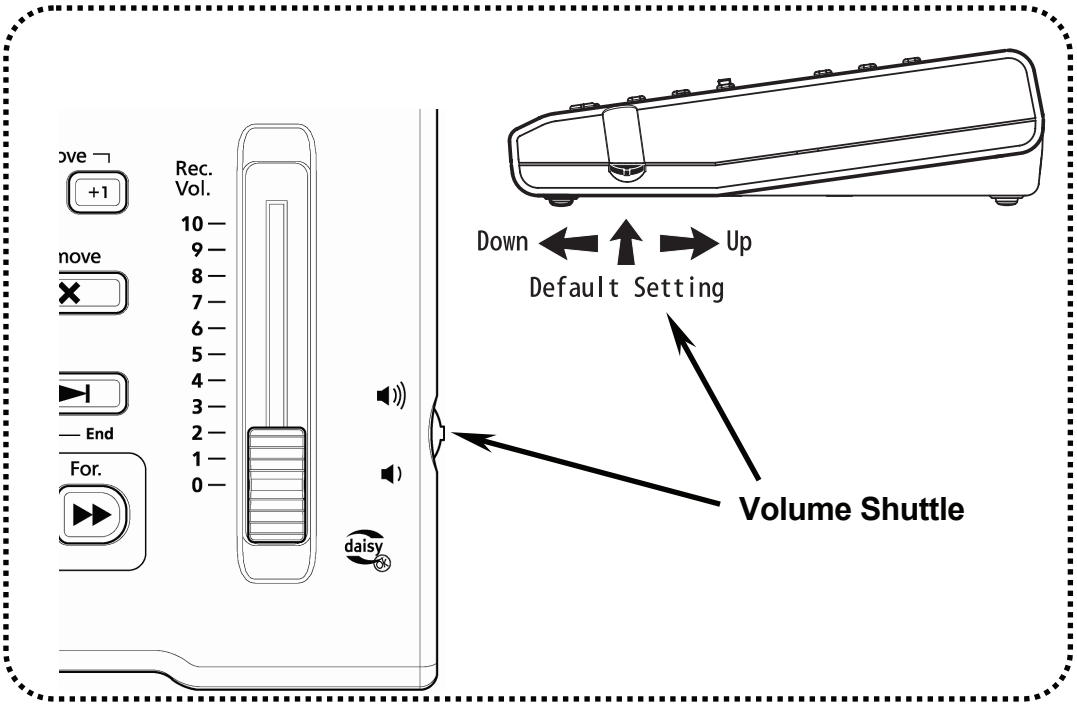
■ **Putting the volume level back to the default setting of 8,**

Push the “volume shuttle” in straight towards DR-1 body.



Default

→ Volume level is displayed on the top of the display panel.

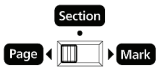


Appending Page/Section

DR-1 enables you to add navigation information such as page and sections that are required by DAISY books. It improves the efficiency of following DAISY book editing works.

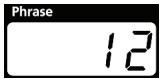
Below example explains how to add the 1st page to the 12th phrase.

1) Select by the "Select Switch."



→ Select "page" or "section."

2) Press Rew. or For.



→ Move the phrase where to add the "page" or "section."

3) Press Check.



→ Confirm that the number in the page and section displayed in the window increases every time you press the "Check" key.

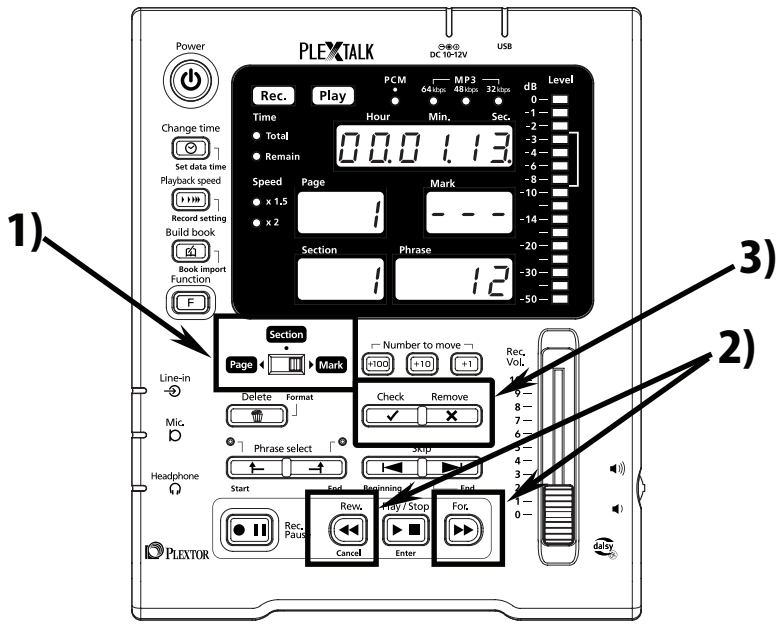
For other "Moving/ Jumping" methods, refer to " Navigation (p.36-39)."

■ **Release "page" and "section."**

Press Remove.

■ Page/section can be appended not only during stopping, but also during recording, playing-back, and pause.

■ When you add the page/section during pause, the lamp of the page/section display panel flashes and it is appended to the first phrase where recording started.



Correcting

Three (3) methods of correcting recording

In the recording, etc. of the reading, correcting the mistakenly read part often happens.

There are three methods of correcting the recording: 1) “Overwrite” recording, 2) “Insert” recording, and 3) “Punch-in” recording.
Features of these 3 recording methods are described below. For each detailed operation method, please refer to the following pages in this guide: 1) “Overwrite recording (p.41)”, 2) “Insert recording (p.42)”, and 3) “Punch-in recording (p.43-44)”.

To explain easily in the following, the recording phrase is shown by the character such as "A,B,C,……", and the number above the character "1,2,3,……" show the phrase number.

1) Overwrite recording

“Overwrite recording” enables you to correct mistakes during the recording process.

For example,

1	2	3	4
A	**B**	**C**	**D**

1) During recording, when you notice an error at phrase C, press the Record key once to pause recording.
2) Repeatedly press the Back key to move to the location of the first phrase C to be rerecorded.
3) Press the Record key to start recording again. Phrases C and D is replaced by new phrases E and F.

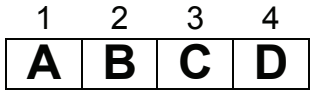
1	2	3	4
A	**B**	**E**	**F**

The sequential order will be changed as shown above.

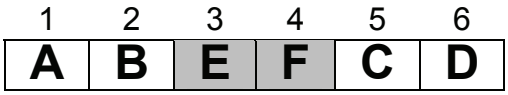
2) Insert recording

After the recording is completed, “Insert recording” enables you to insert new audio at any point in your existing recording.

For example,



1) Navigate, in your exiting recording, to the location phrase B where you wish to insert the new audio. It is important that you move to the correct location prior to recording
2) Press the Record key twice to start recording.
3) When you have recorded the new audio phrases E and F, press the Play/Stop key to stop recording.

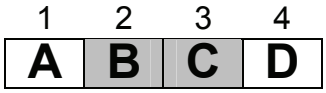


The sequential order of phrases will be changed as shown above.

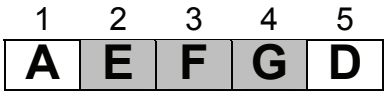
3) Punch-in recording

After recording is completed, “Punch-in recording” allows you to delete a mistaken part in the existing project and replace with the correct audio. It does not matter whether the audio length before and after replacement is different.

For example,



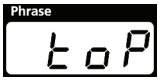
1) Navigate, in your exiting recording, to the location phrase B where you wish to insert the new audio.
2) Press the Start key of Phrase select, then navigate to the location phrase C where you wish to cut, then press the End key of Phrase select.
3) Press the Record key twice to start recording.
4) When you have recorded the new audio phrases E, F and G, press the Play/Stop key to stop recording.



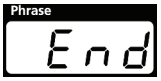
The sequential order of phrases will be changed as shown above.

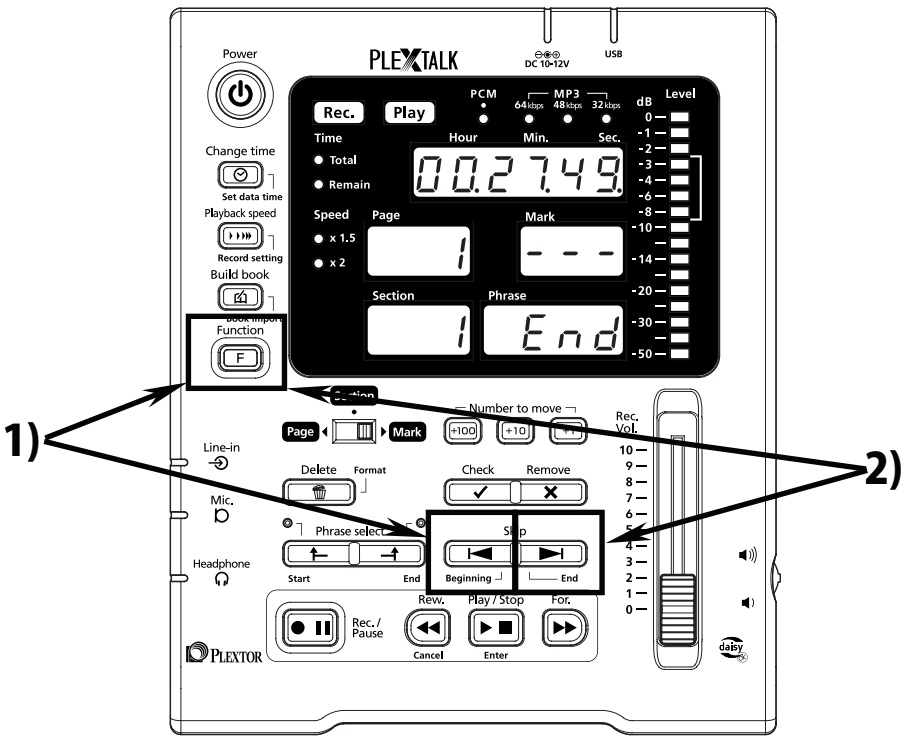
Navigation ••••••<Navigating from beginning to end>

1) **Hold down** Function **F** **and press** Beginning **to move the "phrase" up to the "*toP*".**



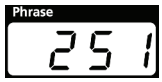
2) **Hold down** Function **F** **and press** End **to move the "phrase" down to the "*End*."**



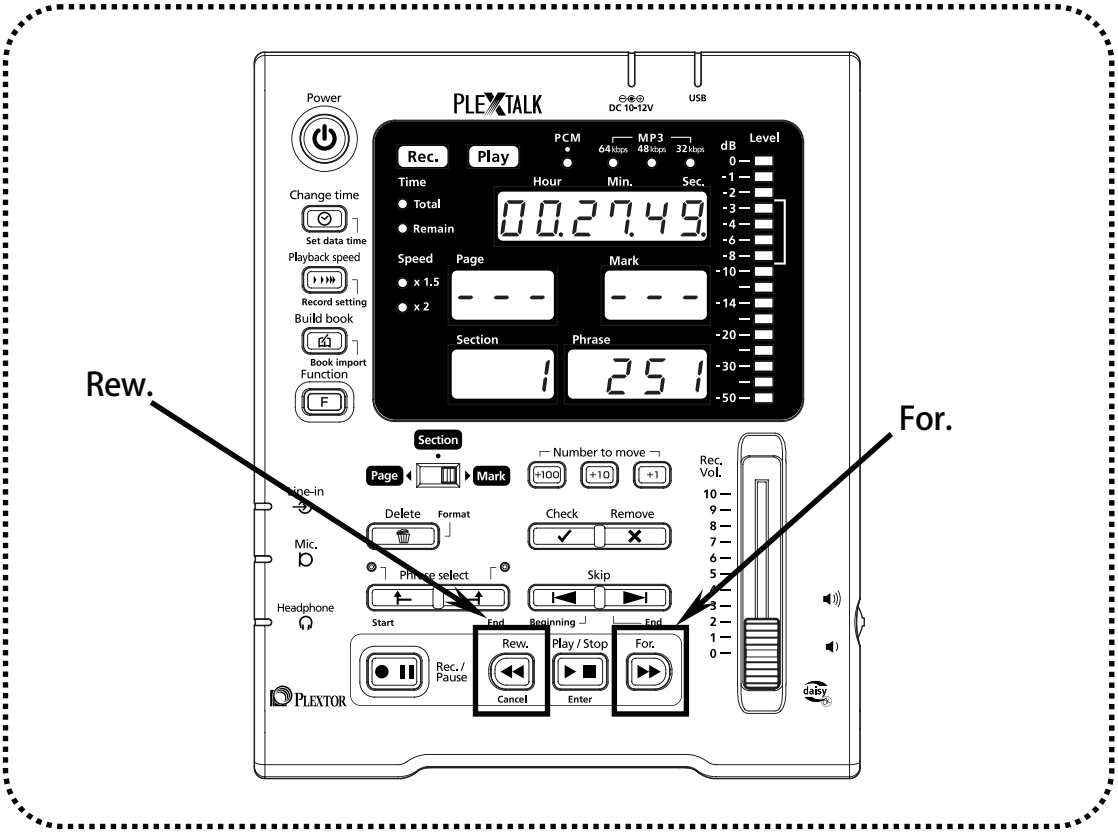


Navigation·····<Phrase navigation>

Press Rew. ◀◀ **or** For. ▶▶.



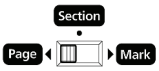
→ Jump one phrase by pressing once.
→ Move at high speed while holding down the key.
→ After releasing the key, playback one phrase and stop.



Navigation•••••• <Skip navigation>

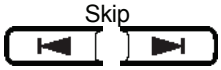
1) Select with the “Select switch.”

→ Select the unit of navigation (page/section/mark).



2) Move back and forth by pressing

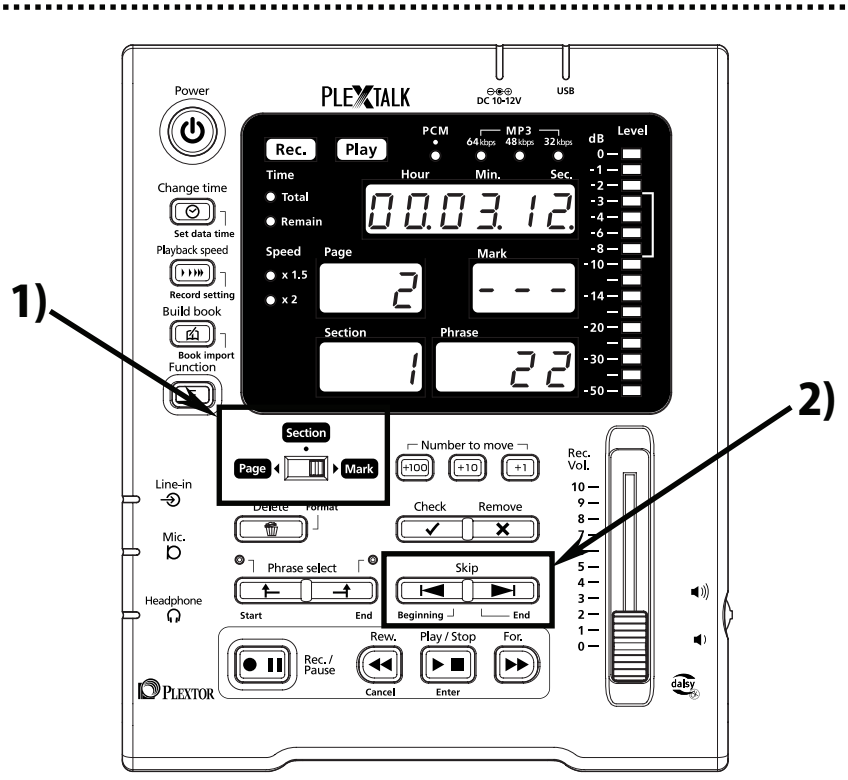
Skip

 **keys.**

→ Move when pressing once by one unit by the selected unit (page/section/mark).
→ Move at high speed while holding down the key.
→ After releasing the key, playback one phrase and stop.



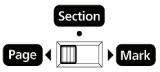
Light on



Navigation·····<Navigating by specified number>

1) Select with the "Select switch."

→ Select the unit of navigation (page/section/mark).



2) Input by pressing Number to move +100 +10 +1.

→ Input the number of the navigating destination.

→ Input the value of each every digit with each key.

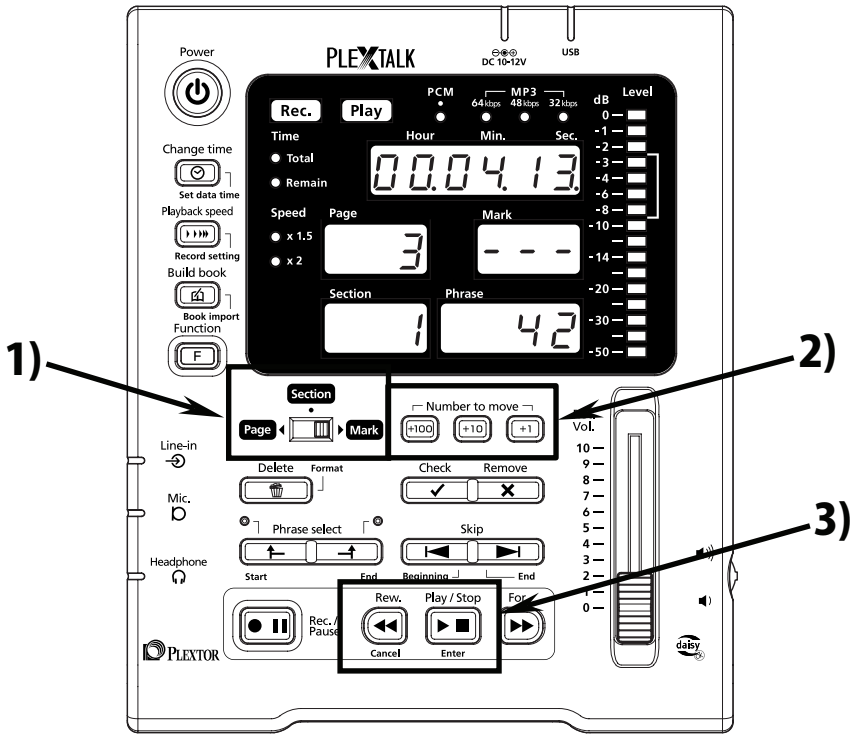


3) Press Play/Stop (Enter) **to enter.**



■When canceling,

Press Rew. (Cancel) **to cancel.**

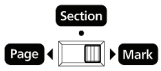


Marking

When you noticed any mistakes of the reading contents that you want to check later, DR-1 enables to make a mark in the project. The mark can be used in the proofreading and the editing work with either DR-1 or PRS.

1) Move the "Select switch" to "Mark."

→ Select "Mark."



For the navigation procedure, refer to "Navigation (P.36-39)."

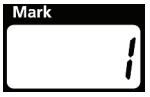
2) Press Rew. or For.

→ Navigate to the phrase that puts the mark.



3) Press Check.

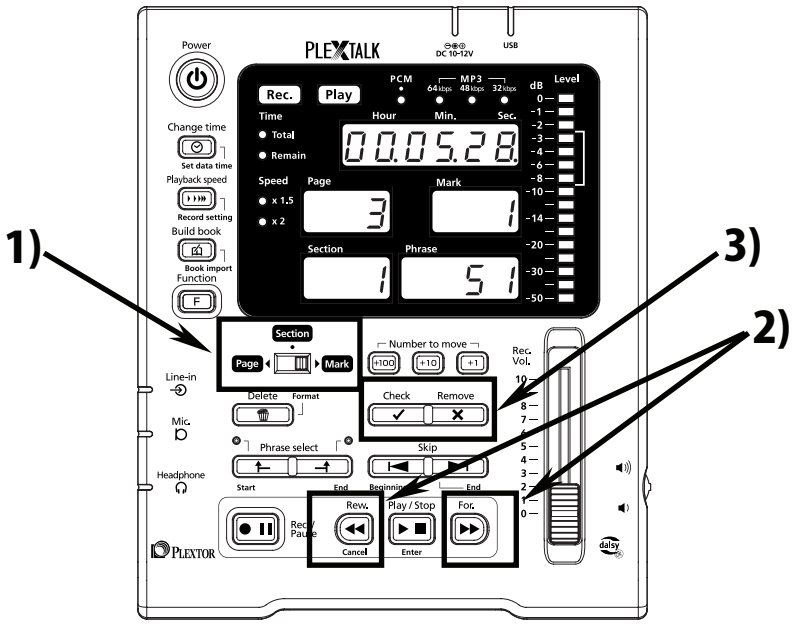
→ Confirm the figure displayed under the "Mark" increases whenever pressing.



■When releasing Mark,

Press Remove.

■ Adding a mark can be done not only during stopping but also during recording, playback, and pause. When adding the mark during pause, the mark display flashes and can be appended to the first phrase that begins recording.



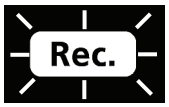
Overwrite recording (Rerecord while recording)

When you noticed any mistakes while recording, do the following operation in the middle of recording and correct the mistaken parts.

For the correction procedure after stop,
refer to "Insert recording (P.42) " and "Punch-in recording (P.43-44)."

1) Press Rec./Pause **during recording.**

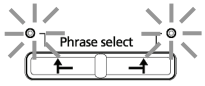
→ Go into the record / pause state.
Note) If the stop key is pressed, the overwrite recording cannot be done.



Flash

2) Press Rew. **.**

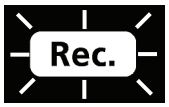
→ Repeatedly press the Rew. Key to move the location of the first phrase to be recorded.
Note) Returnable ranges are 20 phrases, but not returnable prior to the recording starting point.



Flash

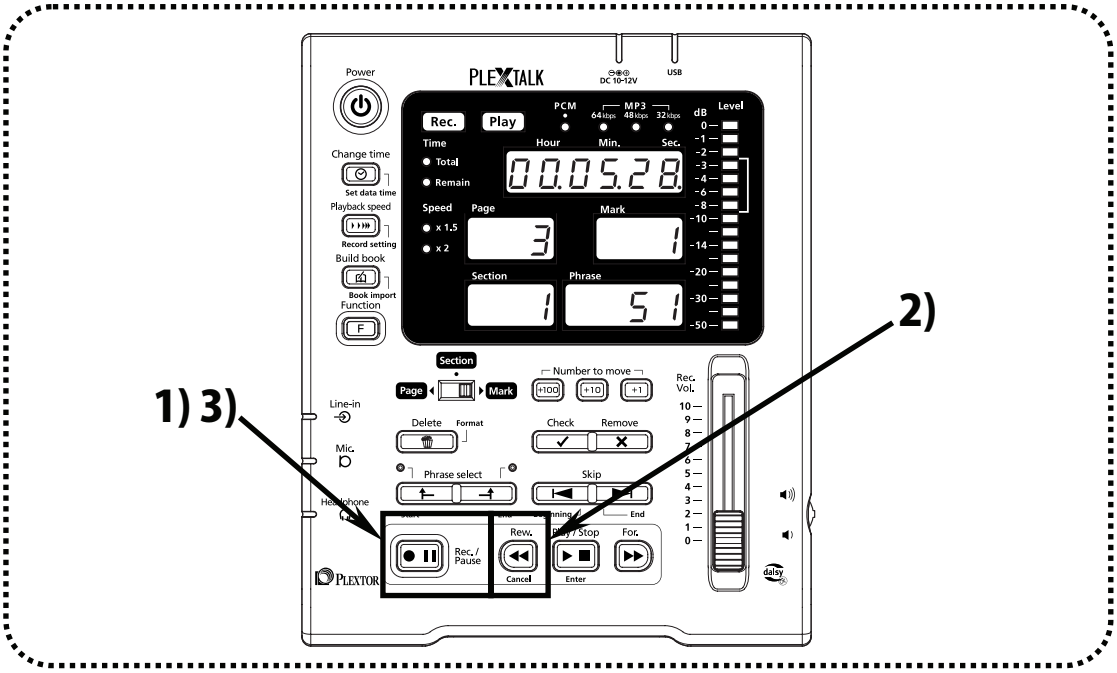
3) Press Rec./Pause **.**

→ The recording starts.
→ Selected phrases are replaced by new phrases.



Light on

■ When the overwrite recording is done by PCM audio, the corrected audio is a utomatically deleted, and it enables to save the capacity used in the CF card.



Insert recording

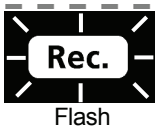
"Insert recording" enables you to insert the additional audio when you forget to read and record some part after completion of recording.

An additionally recorded audio is inserted after displaying phrase in the panel window. Even if "Insert recording" is done, any part of existing project will never be deleted.

1) Navigate to the phrase where you wish to insert. The new audio will be inserted right after this designated phrase.

2) Press Rec./Pause **.**

→ Go into the record / pause state.

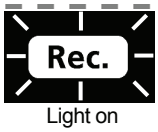


Flash

3) Adjust the recording volume.

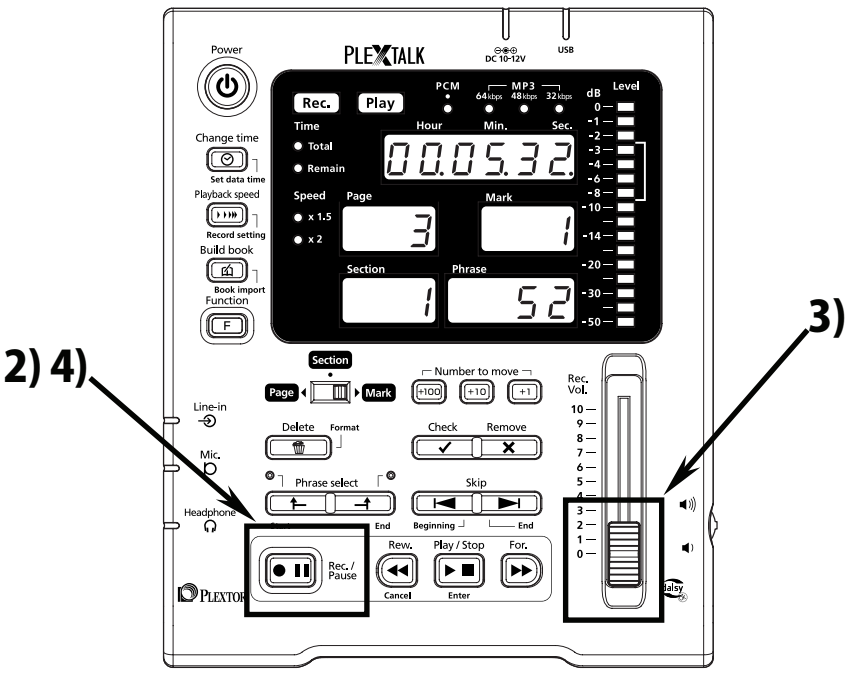
→ Make an adjustment if necessary.

4) Press Rec./Pause **to start recording.**



Light on

For the procedure of the recording volume adjustment, refer to "How to record?(P.28)."



Punch-in recording STEP 1 (Specify range)

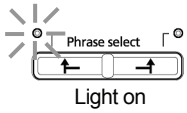
"Punch-in recording", you should specify the range to be erased in the existing project.

For the navigation procedure, refer to "Navigation (P.36-39)."

1) Navigate to location where you wish to insert the new audio.

2) Press Start.

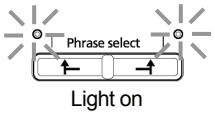
→ Specified the beginning phrase in the range.



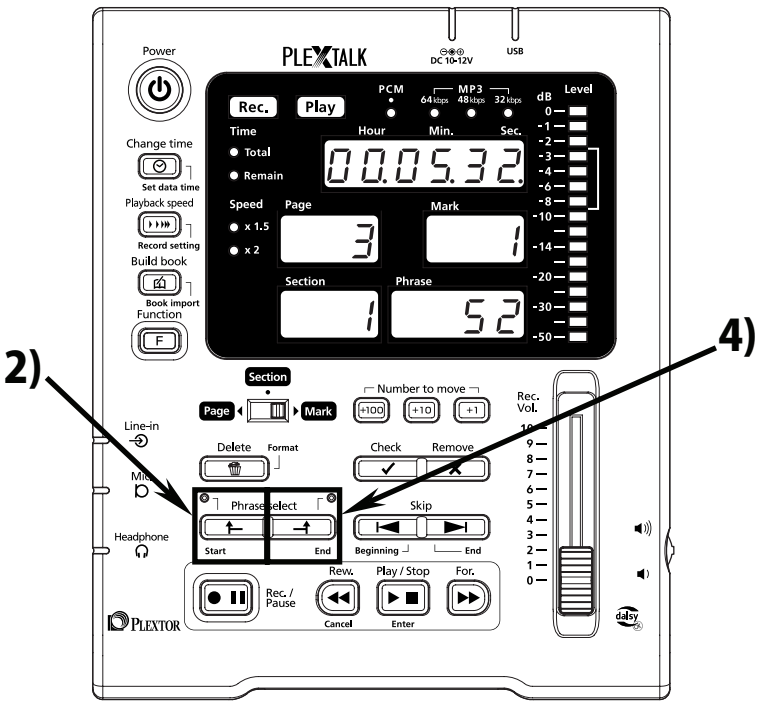
3) Navigate to the location where you wish to cut.

4) Press End.

→ Specified the end phrase in the range.



■ To cancel the specified range, press the key one more time. Then the lamp turned down, and the specified range is cancelled.

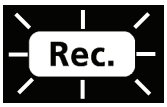


Punch-in recording STEP 2 (Replacing correction)

"Punch-in recording" allows you to correct the mistaken parts by recording again to replace the mistakes.

1) Press .

→ Go into the record/pause state.



Flash

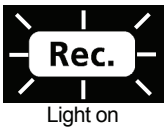
2) Adjust the recording volume.

→ Make an adjustment if necessary.

For the procedure of the recording volume adjustment, refer to " How to record?(P. 28)."

3) Press Rec./Pause to start recording.

→ Record again the specified range.



Light on

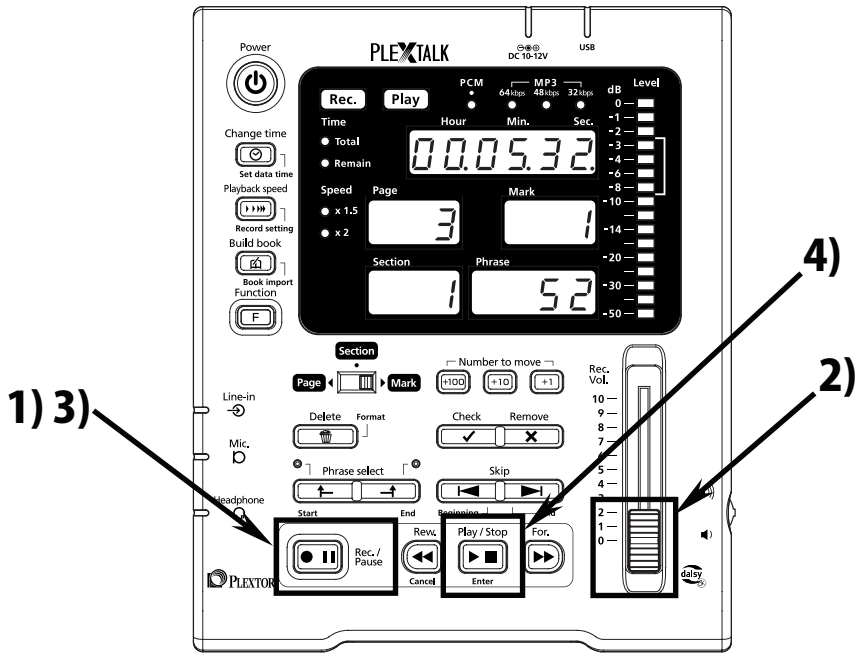
4) Press Play/Stop to stop recording.

→ The specified range is replaced.



Light off

■ Please note that even if the mistake is corrected by the punch-in recording, files are not physically deleted. Thus, the remaining time does not increase.

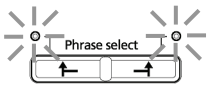


Delete phrases

Delete phrases allows you to erase a mistaken part.

For the procedure of specifying range, refer to "Punch-in recording STEP 1 (Specify range) (P.43)."

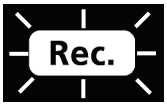
1) Specify the range.



Light on

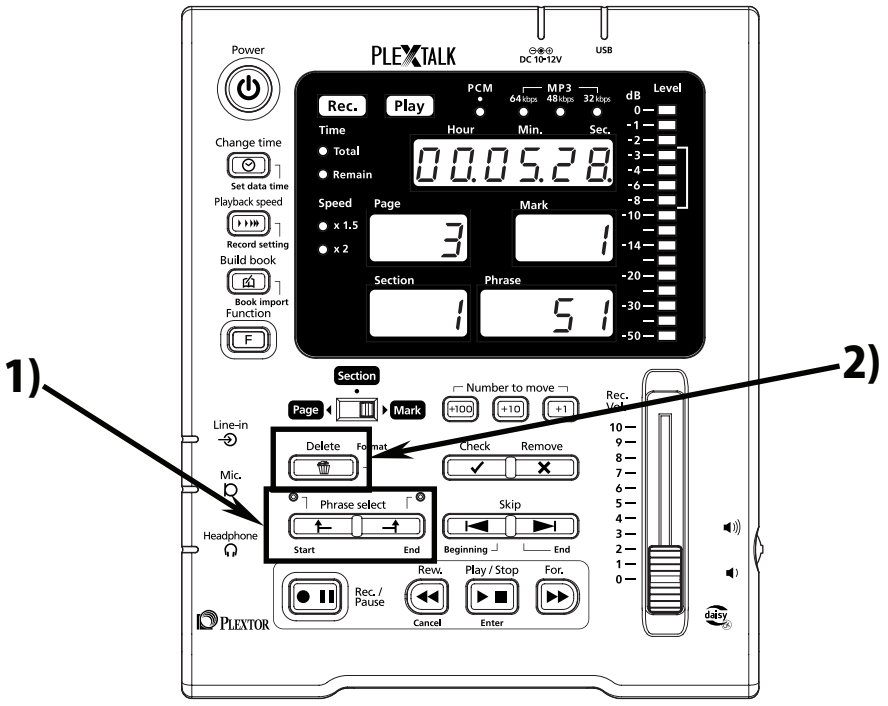
2) Press Delete .

→ The specified range is deleted.



Flash

■ Please note that even if the specified range is deleted, files are not physically deleted. Thus, the remaining time does not increase.



MEMO

Chapter 4
Other Useful Features

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Displaying the total time & remaining time

Time display window normally shows the elapsed time. Whenever you press the “Change time” key, the display changes in order of total time→ remaining time → elapsed time.

1) Change time **Press** .

→ Displays “total time.”



Light on

2) Change time **Press** .

→ Displays “remaining time.”



Light on

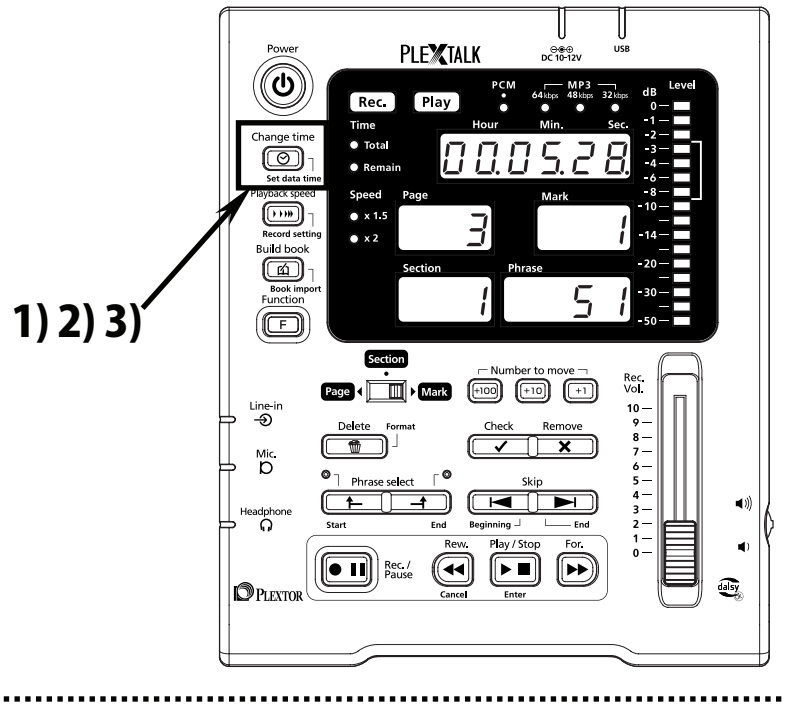
3) Change time **Press** .

→ Displays “elapsed time.”



Light off

■ The remaining amount of time changes by the recording tone quality. Present recording tone quality can be confirmed with the tone quality lamp.



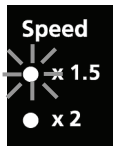
Changing the playback speed

Playback speed normally playbacks at the normal speed. Whenever you press the “Playback speed” key, lighting up the small lamp changes in order of x1.5 → x2 → normal speed.

Playback speed

1) Press to change the playback speed to x1.5.

→ Confirm that the lamp located on the left of speed indicator x1.5 on the display panel is lighted up.

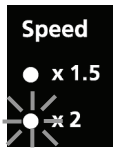


Light on

Playback speed

2) Press to change the playback speed to x2.

→ Confirm that the lamp of speed indicator x2 on the display panel is lighted up.

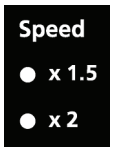


Light on

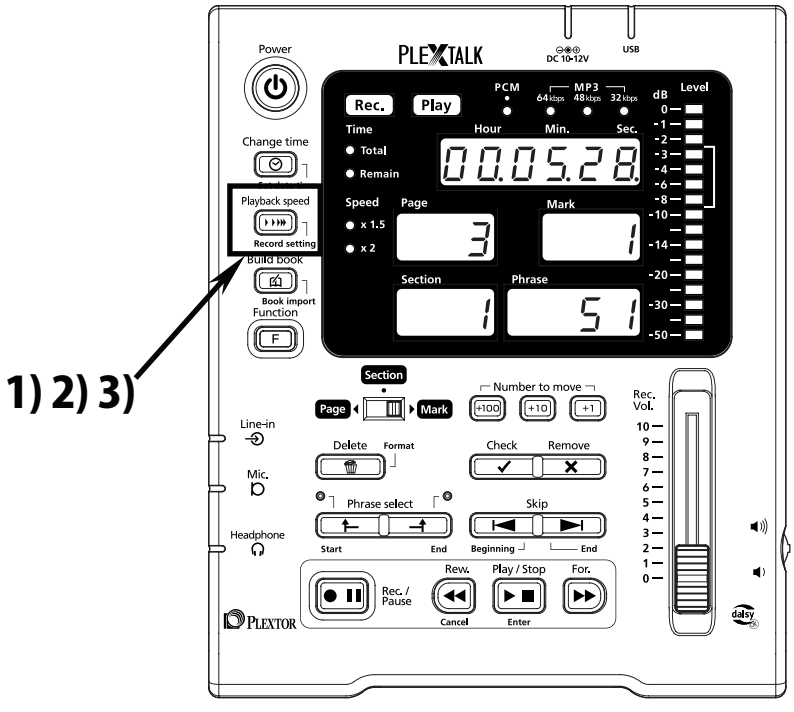
Playback speed

3) Press to change the playback speed to the normal speed.

→ Confirm that the above both lamps are OFF.
The playback speed is back to the normal speed.



Light off



Changing the beep sound

Turn ON / OFF the beep sound, do the following by holding down the Function key.

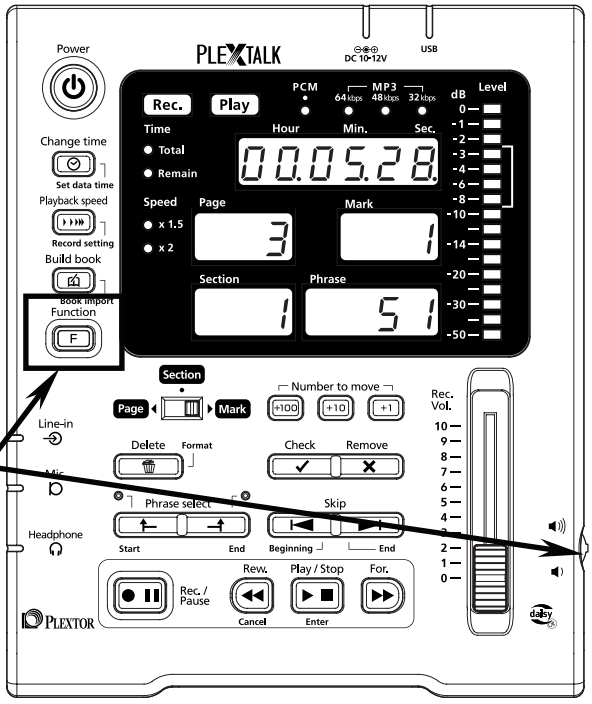
■ **Hold down** Function F **and pull the "volume shuttle" forward by the finger.**

→ Audio beep sound set “ON.”

■ **Hold down** Function F **and push the "volume shuttle" backward by the finger.**

→ Audio beep sound set “OFF.”

Hold down the **“Function”** key and operate the **“Volume Shuttle”** simultaneously.



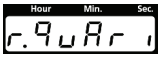
Volume Shuttle (Right side of the DR-1 body)

Change the recording setting

"Recording setting" enables to set sound quality, phrase pause time, and noise level.

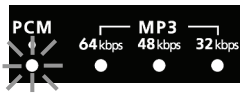
1) Hold down Function **F** **and press** Record setting **.**

→ It changes to the "Recording Setting" mode.
→ "*r.quAri* " is displayed in the time panel window on the display panel.



2) Confirm the flashing light under "PCM" as shown on the right.

→ Audio lamp flashes.



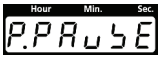
3) Setting the sound quality

Select the sound quality by pressing Beginning **and** End **.**

→ Four (4) format types of selectable recording audio are "PCM," "MP3 64k, "MP3 48k," "MP3 32k."
→ **The default setting of DR-1 is '"PCM."**

4) Press End **to enter.**

→ "*P.PAuSE*" is displayed in the time display window.
→ The display under the "Mark" flashes and goes on to the next operation.





Flash

5) Setting the "phrase pause time" (detection time)

In a DR-1 recording, the length of the silence to be detected before creating a new phrase is called the "**phrase pause time**."

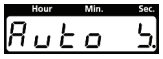
Set by pressing Beginning **and** End **to select desirable time.**

→ While recording, if the time is left more than the set "pause time," the phrase is automatically detected.
→ The setting range is from 0.2 to 1.0 seconds, and the setting can be done at every 0.1 second.
→ **The default "pause time" setting is 0.4 seconds.**



Flash

6) Press End to enter.



→ "*Auto S*" is displayed in the time panel window.
→ The display under the "Section" flashes and goes on to the next operation.



Flash

7) Section pause time (Auto section setting)

In a DR-1 recording, after a specified amount of time with no audio input, DR-1 can be automatically created a new section.

Set by pressing Beginning and End to select desirable time.



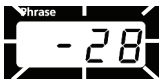
Flash

→ While recording, if the time is left more than the set "pause time," new section is automatically detected.
→ The setting range is from the OFF state, 1 second … up to 5 seconds. The setting can be done at every 1 second.
→ **The default setting is OFF.**

8) Press End to enter.



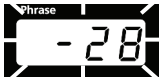
→ "*n.LEVEL* " is displayed in the time display window.
→ The display under the "Phrase" flashes and goes on to the next operation.



Flash

9) Setting Noise Level

Press Beginning and End to set noise level.



Flash

→ While recording, if the recording volume is lower than that of setting value, " the phrase is detected.
→ The setting range is from - 20 to - 40dB , and the setting can be done at every 2dB.
→ **The default setting is -28dB.**
→ If you are recording in a low noise level environment, such as a studio, use a "low" setting value close to - 40. Reversely, If your recording in a high noise level environment, such as a conference or lecture, use the "High" setting value close to - 20.

10) Press Play/Stop Enter to enter.

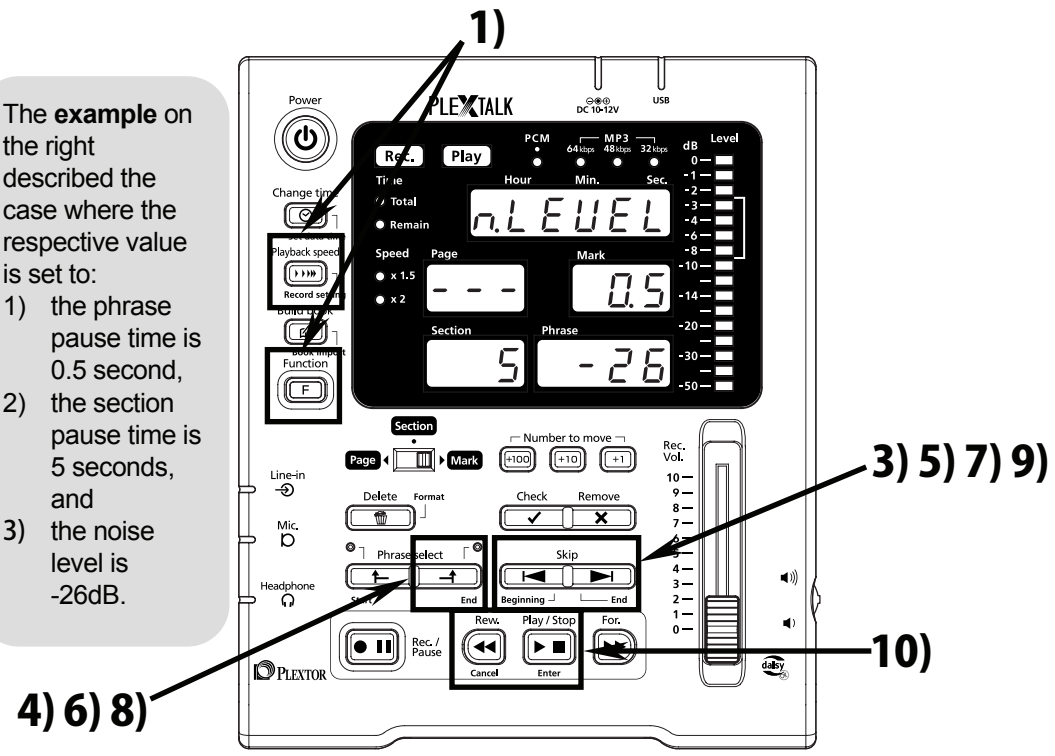
■ **In case of canceling:**

Press Rew. / Cancel **to cancel the setting.**

■ The recording setting is saved in the DR-1.

The **example** on the right described the case where the respective value is set to:

1) the phrase pause time is 0.5 second,
2) the section pause time is 5 seconds, and
3) the noise level is -26dB.

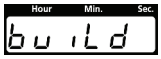


Building the book

Having completed the entire recording and editing of the project, there is one final process that must be carried out before handing out the project to the next person. "Build Book" process makes the project as DAISY 2.02 compliant book.

■ If you apply Plextalk family, such as PRS and PTR2 for advanced editing, the following process of “building the book” is not necessary.

1) Press Build book **.**

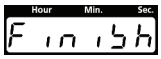


→ **“*buiLd*”** is displayed and flashes in the time panel window on the display panel.

2) Press Play/Stop **.**
Enter

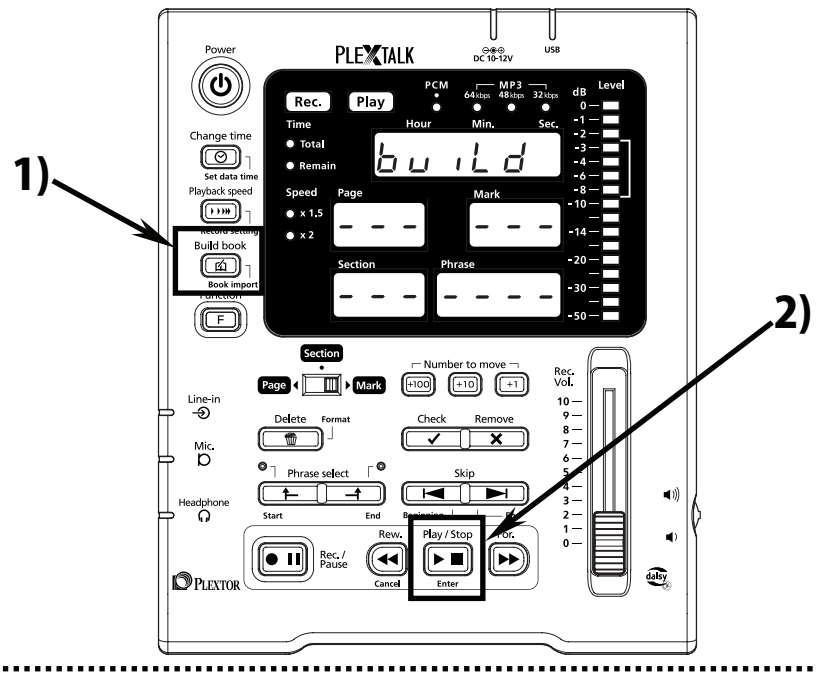
→ The display of “*buiLd*” flashes.

3) Confirm that “*FiniSh*” is displayed.



→ “Build Book” is completed.

■ The progress status is displayed in the phrase display window in percentage (%).
■ It might take one hour or more for the "Build Book" process.
■ When the cancellation key ("Rew." key) is pressed, processing is discontinued.
■ Unnecessary parts in the audio file cannot be deleted with the "Build Book" process. The audio export processing on PRS is needed to delete unnecessary parts.



Importing (DAISY import)

On occasion you may wish to work on a DAISY book that you prepared earlier or that has been supplied to you by someone else. You may want to edit the content, modify the structure or update the DAISY content from DAISY2.0 to DAISY2.02 format.
When you read in any DAISY book by DR-1, you need to do “Importing” process. By importing, you can customize DAISY to PLEXTALK project.
When the CF card that contains only DAISY is inserted, DR-1 automatically displays the following 1) "*iMPor*t", and you can continue importing.

1) Hold down Function **F** **and press** Book import **.**

→ " ***iMPort*** " is displayed and flashes in the time panel window on the display panel.

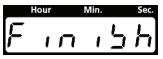


2) Press Play/Stop Enter **.**

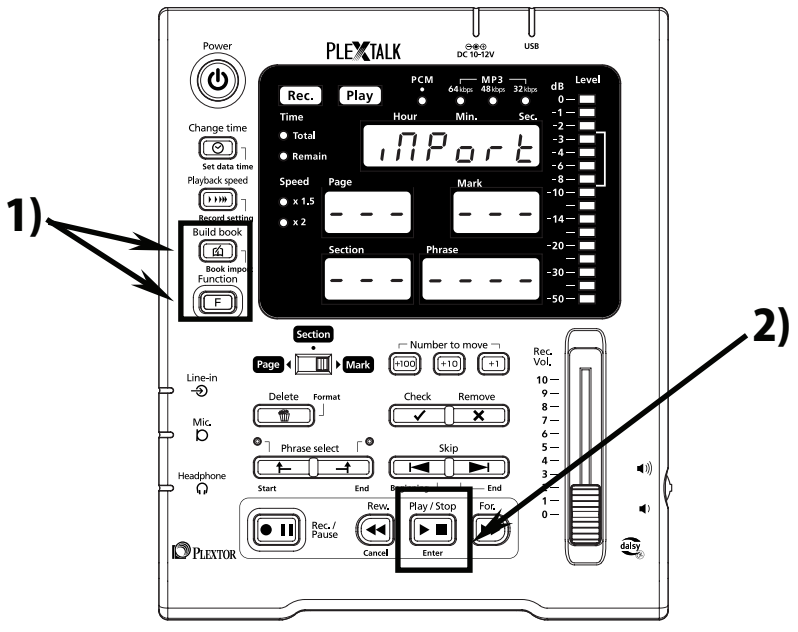
→ The display of “*iMPort*” flashes.

3) Confirm that “*FiniSh*” is displayed.

→ “Importing” is completed.



■ The progress status is displayed in the phrase display window in percentage (%).
■ It might take about 10 minutes for the "importing" process.
■ When the cancellation key ("Rew." key) is pressed, processing is discontinued.



Deleting all contents stored in the CF card (Format)

When recording with this product, information files, etc. besides the audio files are created. Please reformat the CF card when you want to delete all files and information once stored in the card for the purpose of producing a new book or a project.

1) Hold down Function **F** **and press** Format **.**

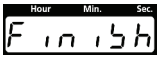


→ " *ForMAt* " is displayed and flashes in the time panel window on the display panel.

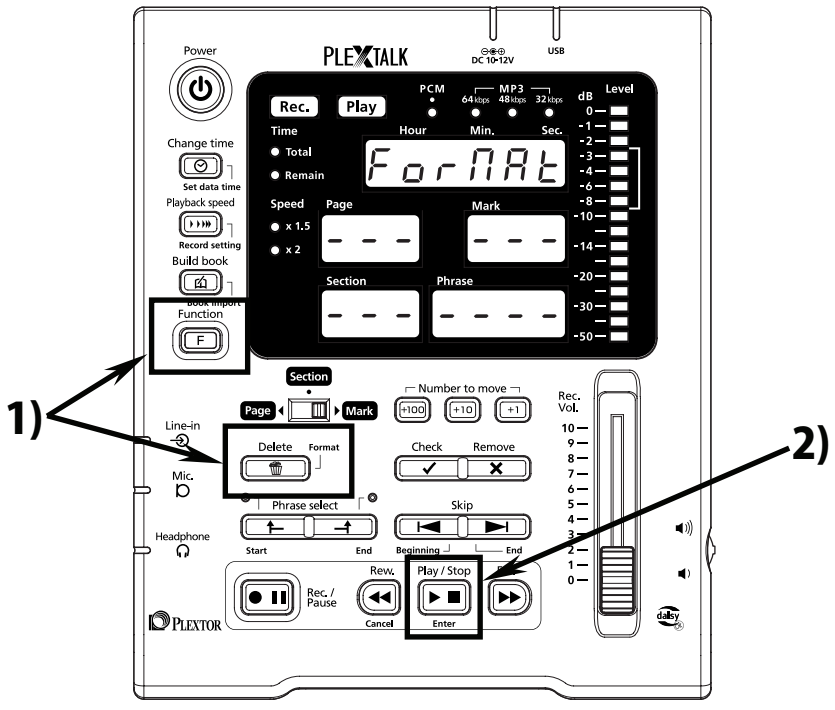
2) Press Play/Stop Enter **to enter.**

→ The display under the flashes "*ForMAt*" flashes.

3) Confirm that "*FiniSh*" is displayed in the time panel window.



→ Deleting all data is completed.

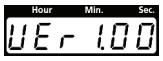


Checking DR-1 version

When you call our local dealer to inquire our products or the trouble etc., most likely we may be ask you the product version. Please confirm the version of DR-1 by following below steps.

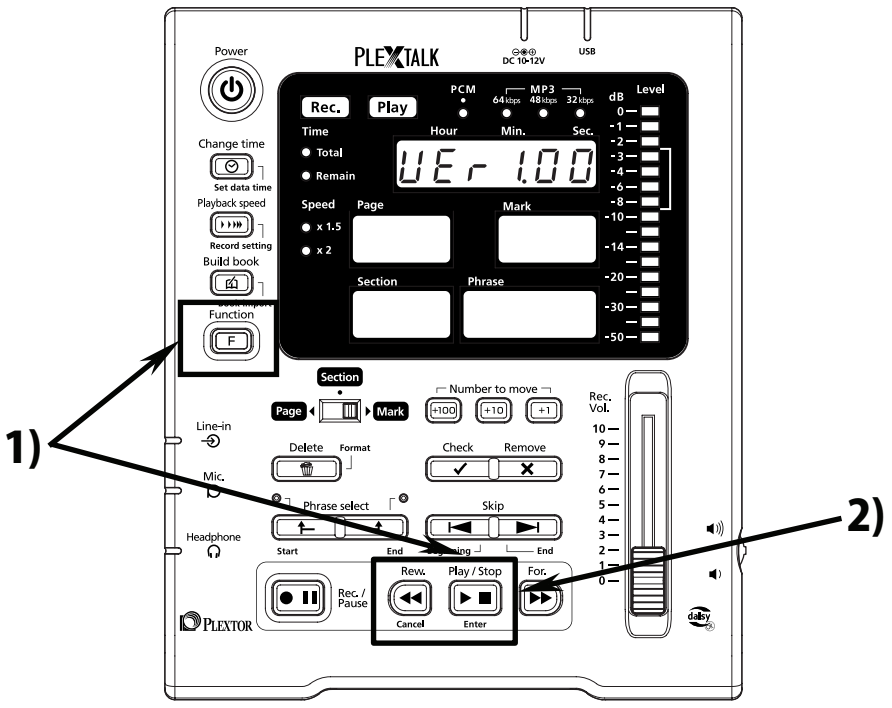
1) Hold down Function **F** **and press** Play/Stop **▶■.**

→ Product version is displayed in the time panel window.
Please check the number following "*Ver*".



2) Press Play/Stop **▶■** Enter **or** Rew. **◀◀** Cancel**.**

→ Go back to the original display.



Transferring data to a PC

There are three ways to transfer data to a PC.

1. After connecting DR-1 and a PC with the USB cable, read data from the CF card into the PC.
2. Remove the CF card from DR-1 and read the data from the CF card into the PC using the “card reader.”
3. Remove the CF card from DR-1 and read the data from the CF card into the PC using the “PC card adaptor for CF card.”

Details of the above methods are explained in the following. Also, a list of files that is transferred (“Contents list in a CF card”) and how to transfer data to PRS (“Data transferring to PRS”) are explained in the following.

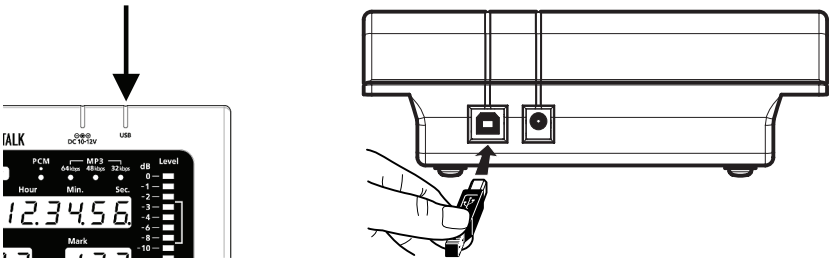
Connecting DR-1 to a PC

By connecting DR-1 to a PC with the USB cable, DR-1 enables you to use as an external card drive of the PC, and the data stored in the CF card can be read and written from the PC.

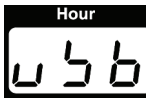
1) Connecting to a PC

1 Turn on your PC and DR-1.

2 Connect your PC and DR-1 with the USB cable.



3 DR-1 is recognized on the PC.



→ It takes a while until the recognition of DR-1.
→ " *uSb* " is displayed in the time panel window on the display panel.
→ When the PC accesses the CF card, the recording lamp lights up.

■ If the CF card has not been inserted in DR-1, it is not recognized to the PC.
■ The USB cable is an optional and is available for purchase.
■ The USB cable that can be used for the USB connection is USB1.1.

2) Disconnecting from the PC

1 **Left click on an**  **icon** (∗1) **located on the task bar on the right lower corner on the PC monitor.**

→ The task bar may be hidden, so please click on arrow says, “Display hidden indicators” to display all hidden icons to locate the above shown icon.

(∗1) Left-click on the icon **saying “Safety removal of hardware”**, and then a dialog box pops up on the icon.

2 **After first clicking, a dialog balloon pops up instead.**

→ You will see a message in the dialog balloon such as “Safely remove (stop) USB mass-storage system device – Drive X:.” [In the Drive X], the drive name that is most suitable to your computer environment is displayed.]

3 **Click on “OK” or “X” button to close the dialog balloon.**

→ “Hardware removal” dialog balloon is closed.

4 **Turn OFF the power of DR-1.**

5 **Confirm the power is off and remove the USB cable.**

Connecting a card reader to a PC

The card reader by the USB connection is explained here.

1) Connecting the card reader

1 **Insert a CF card into the card reader.**

2 **Connect the card reader to your PC.**

→ The card reader is recognized as the USB mass-storage system device.

2) Disconnecting the card reader

1 **Left click on an**  **icon** (∗1) **located on the task bar on the right lower corner on the PC monitor.**

→ The task bar may be hidden, so please click on arrow says “Display hidden indicators ” to display all hidden icons to locate the above shown icon.

(∗1) Left-click on the icon **saying “Safety removal of hardware”**, and then the dialog box pos up on the icon.

2 **After first clicking, a dialog balloon pops up instead.**

→You will see a message in the dialog balloon such as “Safely remove (stop) USB mass-storage system device – Drive X:.” [In the Drive X], the drive name that is most suitable to your computer environment is displayed.]

3 **Click on “OK” or “X” button to close the dialog balloon.**

→ “Hardware removal” dialog balloon is closed.

4 **Remove the card reader from your PC.**

5 **Remove the CF card from the card reader.**

Connecting a PC card adaptor for CF card to a PC

1) Connecting the PC card adaptor for CF card

1 **Insert the CF card into the PC card adaptor for CF card.**

2 **Insert the PC card adaptor for CF card into your PC.**

2) Disconnecting the PC card adaptor for the CF card

1 **Left click on an**  **icon** (∗1) **located on the task bar on the right lower corner on the PC monitor.**

→ The task bar may be hidden, so please click on arrow says "Display hidden indicators " to display all hidden icons to locate the above shown icon.

(∗1) Left-click on the icon **saying "Safety removal of hardware"**, and then a dialog box appears right above the icon.

2 **After first clicking, a dialog balloon appears instead.**

→ You will see a message in the dialog balloon such as "Safely remove (stop) PCMCIA IDE/ATAPI Controllers – Drive X:." [In the Drive X], the drive name that is most suitable to your computer environment is displayed.]

3 **Click on "OK" or "X" button to close the dialog balloon.**

→ "Hardware removal" dialog balloon is closed.

4 **Remove the PC card adaptor for CF card from your PC.**

5 **Remove the CF card from the PC card adaptor for CF card.**

Contents list in a CF card

The following is a list of files that are created in the CF card while being recorded by DR-1.

PTRInfo.html	Plextalk project file
Discinfo.html (after Build Book)	DAISY file
Bookdir0	Folder
Ncc.imdn	Plextalk project file
Ncc.html (after Build Book)	DAISY file
ImdPhrInfo.imph	Plextalk project file
ImdTxtTabl.imtt	Plextalk project file
*.wav, *.mp3	Audio files
*.smil (after Build Book)	DAISY files

Data transferring to PRS

When performing a DAISY editing using PRS after recording completion by DR-1, data is transferred as it is without doing build book.

Opening the “Ncc.imdn” file in the Bookdir0 folder using PRS enables you to perform the DAISY editing.

However, please do build book and the DAISY import when you put the content of multiple cards together in one book with PRS.

Restore PLEXTALK project file

When you cannot open your DAISY project (error 308, etc.), you can restore PLEXTALK project file.

1) Turn OFF the power.

2) Insert the CF card into the card slot.

3) Hold down Play/Stop (Enter) **and turn ON the power.**

→ "r*EPair*" is displayed and flashes in the time panel window on the display panel.

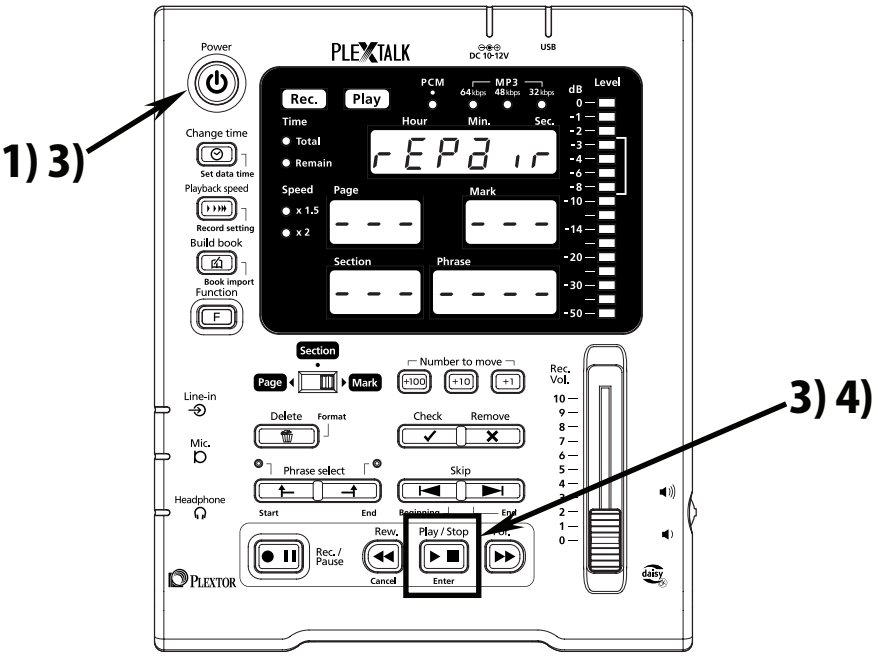


4) Press Play/Stop (Enter)**.**

→ Restoring of your DAISY project starts.



■ This function is restored based on backup information of PLEXTALK project file automatically created when book is opened. The contents of the recording and the editing work after the book has opened at the last are not restored. When restoring was implemented, please confirm the book contents.



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Main Specifications

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Recommended CF cards ····· 68
Recommended microphones ····· 68

Main specifications

Product specifications

Item	Specifications
Recording Media	CF card SD card (via AC adaptor)
Playable sound quality (DAISY standard book)	MP3, PCM
Recording method	DAISY2.02 format PLEXTALK Project format
Recording sound quality (DAISY format)	PCM 22.05kHz 16bits Mono MP3 64kbps Mono MP3 48kbps Mono MP3 32kbps Mono
Audio output	Headphone output terminal (Stereo)
Audio input	Line input connector (Mono) External microphone connector (Stereo)
Externally connected terminal	USB1.1
CF card slot	Compact Flash Association card
Clock precision	Approx. plus / minus 60 seconds per month
Power source	AC adaptor, AC 100 to 240V 50 / 60Hz
Dimensions	173(W) x 210 (D) x 57 (H) mm
Weight	Approx. 610g
Power consumption	Max. 20W (at AC adaptor 100V)
Operating temperature	5 to 40 C degree, 40 to 104 F degree (Without condensation)
DAISY editing function	Max page number: 9999 pages
	Max section number: 9999 sections

Audio characteristics

● Headphone output connector

Item	Characteristics
Impedance adaptation	32k ohm unbalanced
Connector	3.5 mm diameter stereo mini connector
Output voltage	0.4Vrms(plus / minus 0.15Vrms)

●Line input connector

Item	Characteristics
Input impedance	20k ohm unbalanced
Connector	3.5 mm diameter stereo mini connector
Input sensitivity	- 11dBV or lower

●External microphone input connector (Not compatible with plug-in power)

Item	Characteristics
Input impedance	2.2k ohm unbalanced
Connector	3.5 mm diameter stereo mini connector
Input sensitivity	- 55dBV

Card drive specifications

Item	Specifications	
Card Slot	Compact Flash Association card, Type Ⅰ	
Recommended operation environment	OS	Windows 2000 XP (32 bit) Vista (32 bit)
	CPU	Celeron 400MHz or larger
	Memory	128MB or lager
	Interface	USB1.1 Connector: ：TypeB

Recommended CF cards & microphones

Caution:

■Operation check

Products on the market are subject to change without notice due to the specification change. Therefore, there are cases that the commercial products may not become available to use with our products. From such circumstances, we cannot guarantee the products that have already checked the operation before shipment.

■Compatibility with other manufacturers' product

The product may not be operated correctly due to the compatibility of DR-1 and products manufactured by other companies. We cannot guarantee or correspond to defect caused by the compatibility with the other companies products including operation-checked products. Please acknowledge it beforehand.

Recommended CF cards

Please confirm latest information in our webpage or inquire our customer support center when purchasing it.

PLEXTALK webpage: http://www.plextalk.com/in/index.html

Recommended microphones

With DR-1, you can use either dynamic or condenser microphones that are commercially available. (Compatible only models with power supply, not compatible with the plug-in power)

Information as of April 2007

- Dynamic microphone

Manufacturer	Model number
audio-technica	ATH-30COM
SHURE	SM58
SONY	F-V420
SONY	F-V620

- Condenser microphone

Manufacturer	Model number
audio-technica	AT9440
audio-technica	AT9820X

CAUTION!

■ **When you use a condenser microphone, it must have a power supply. Please read the microphone manual carefully before use.**

Chapter 6
Troubleshooting

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When an error is displayed ····· 73

When DR-1 does not operate well

Symptoms	Possible cause	Solution
You turn on the Power Switch, but the power does not come on.	Loose or unconnected power cord or AC adaptor. Connector is not plugged in firmly.	Firmly reinsert the mains power cable into the outlet and the AC adaptor and ensure that the mains plug is firmly inserted.
CF card cannot be inserted into DR-1.	You are tying to insert the CF card of TypeⅡ that cannot be used with DR-1.	CF card of TypeⅡcannot be used. Use Type Ⅰ card.
	The direction that inserts the CF card is wrong.	Reinsert the CF card referring to “How to insert a CF card (p.19) ”of this guide.
Recording and playback cannot be done.	CF card is not inserted.	Insert the CF card into the card slot.
	The CF card that cannot record/playback with DR-1 is used.	Before use, check the usable CF card with DR-1 in our webpage http://www.plextalk.com /in/index.html.
	CF card is not formatted before use.	Format your CF card before recording/ playback. Please note that all the recorded data is deleted when the CF card is formatted.

Recording cannot be done.	You thought you pressed the recording key but actually DR-1 was in a “Pause” state.	Check with the recording lamp. The lamp is on during “Recording”, and the lamp flashes during “Pause.”
	Remaining amount time of the CF card was very little.	Check the remaining time of your CF card referring “Displaying the total time & remaining time (p.48)” of this guide. When the remaining time is very little, please insert with a new CF card.
The meter indicates the recording level does not go up during recording. Or, when playback the recorded audio file, you hear no sound or very small sound.	The microphone connector is plugged into a wrong terminal.	Check the terminal for connection referring to “Plug in a microphone (p.21)” in this guide. Then correctly plug in the microphone connector to the correct terminal.
	The microphone that is not compatible with DR-1 is used.	Use the usable microphone with DR-1 referring to ”Recommended microphones (p.68)” in this guide.
	The recording was done when the volume of “Volume shuttle" was positioned to Zero.	Record by an appropriate recording volume referring to "How to record? (p.28)" in this guide.
	"Volume shuttle" on the right side of DR-1 is a position of volume 0.	Playback by an appropriate volume referring to "Adjust audio volume of playback (p.32) " in this guide.

You cannot navigate to the position where you want to playback.	Because punch-in recording or deleting specifies the range, the position where you want to playback is outside the range.	Cancel the specified range.
"E." is displayed in the time, section, mark, and phrase display panel.	Exceeding maximum displayable digits.	It is not a malfunction. When the display of time, section, mark, and phrase exceeds the maximum displayable digits, "E." is displayed.
You cannot cancel ”iMPort” display.	Inserted the CF card that contains only DAISY.	When the CF card that contains only DAISY is inserted, you cannot proceed the next work without importing. Always import step first.
The reaction of the phrase navigation and the playback is slow.	The number of phrases included in one section is too many.	It is not a malfunction. When the number of phrases included in one section exceeds several thousand, the reaction of the navigation operation, etc. becomes slow. Thus, please split the section at a suitable position.

When an error is displayed

The error message is displayed in the time panel; the error number is displayed in the mark display panel.

Error message / Error number	Meaning of error message	Solution
“CARD FULL” / “101”	Empty space of the card is insufficient.	Continue recording with another card. The card with which empty space is filled can delete the content by all Deletions (format). [*1]
“DAISY FULL / “301”	Capacity of PLEXTALK project file is too large.	Maximum capacity of PLEXTALK project file that can be handled by DR-1 is exceeded. Please record and edit it with PRS, etc. [*2]
“CARD ERR” / “103”	The card cannot be recognized.	It is a card that cannot be recognized with DR-1. Please do all deletion (format).
“PAGE FULL” / “302”	The page number exceeds the maximum.	The page number is the maximum. The book for the page number to exceed 9999 cannot be opened with DR-1. Moreover, the 9999th pages or more cannot be set. [*3]
“COM ERR” / “H01” or “H02”	An internal error is occurring.	Turn off power, and plug in the power supply adaptor again.
“NO DAISY” / “306”	DAISY that should be imported does not exist.	Change the CF card that includes DAISY data.
“READ ERR” / “104”	Failed to read in the card.	Please reread the part where the error occurred and correct it. [*4]

“WRITE ERR / “105”	Failed to write in the card.	Check whether the part where the error has occurred is correctly stored. When it is not stored, reread and correct it. [*4]
“NOPAGE” / “307”	No specified page number exits.	There is no specified page number. Move specifying the page in the back and forth, and reconfirm the page. The book created other than DR-1; the page number might be not consecutive.
“BOOK ERR” / “308”	The content of PLEXTALK project file has some errors.	The problem occurs in the content of PLEXTALK project file or necessary audio file has lost. When this error occurs in the playback and Build book, reread the part where the error occurred to correct it. In other cases, restore PLEXTALK project file. [*4]
“SOUND ERR” / “309”	The audio file is other than the supported files by DR-1.	It is books of the audio form not supported with DR-1. This book cannot be recorded and be edited with DR-1.
“RANGE ERR” / “310”	When the range is selected, DR-1 does not allow moving outside the range.	Change the number specified by number specified navigation. Or, release the selected range.
“REPAIR ERR” / “311”	PLEXTALK project file cannot be restored.	Because the backup of PLEXTALK project file does not remain, the restoration is impossible.

“ERR” / “999”	An unexpected error occurred.	Reconfirm the operation done immediately before the error occurred. Especially, when recording and editing, confirm data is correctly stored. When the data is not stored, reread and correct it. [*4]

Remarks

*1 Empty space of 30MB or more is necessary to record with DR-1. (Necessary empty space increases along with the size of books.)

*2 PRS allows you to create a PLEXTALK project file that is larger than the maximum capacity that DR-1 can handle. The size of PLEXTALK project file that can be edited with DR-1 is up to 7MB.

*3 If the DAISY edit software is used, the page that exceeds 9999 might be created.

*4 When occurring frequently, the card used may have a problem.

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Chapter 7
Glossary / Index

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Glossary

Terms	Meaning
DAISY	DAISY is a standard of digital recording books that were developed for a visually impaired person or people who have a difficulty reading ordinary printed materials. DAISY book is the produced book in compliance with the international standard for digital talking books.
PRS	It is a DAISY book production tool that we are selling in the market. Books produced with DR-1 can be edited in DAISY.
PTR1 / PTR2	These are DAISY recording/playback devices that we are selling in the market. DAISY book has functions not only to playback but also to record and edit.
Import (DAISY import)	PLEXTALK project is produced from DAISY book.
Section	The role of the chapter in books is played. One or more phrases are included in one section.
Noise level (Phrase detection volume)	One of settings to detect phrase. It is a volume that distinguishes the audio and the noise.
Punch-in recording	Editing method to use when you noticed a mistake while checking the already recorded project. An unnecessary phrase is deleted, and, instead, the phrase newly recorded is inserted. Without being limited to the number and the length of the deleted phrase, it is possible to replace the phrase with the desired length.
Build book	To produce a DAISY book from PLEXTALK project.
Phrase	Audio minimum unit in DAISY. It is a short sentences that can be read by one breath. In DR-1, when the audio is detected in the beginning of the sentence, it is a starting point of the phrase. After a certain time with silent pause (phrase detection time) is passed, point where the audio in the next sentence is detected is an ending point.

Phrase pause period (Phrase detection volume)	One of settings to detect a phrase. When silent pause time continues more than the phrase detection time, the phrase is detected.
PLEXTALK project	DAISY information suitable for recording and editing. It is an original PLEXTALK format that does not conform to the DAISY2.02 standard format. The products that can use PLEXTALK project are PTR1, PTR2, PRS, and MyStudioPC. In addition to DAISY information on the page and the section, etc., it can be shared convenient information for proofreading of the mark etc. with PRS.
Page	The role of the page in book is played. In DR-1, the page is set to the phrase.
Mark	When noticing any mistakes of reading content or checking a certain parts after recording, you can make a mark as a bookmark. In DR-1, the mark is set to the phrase. The mark is a function not included in the DAISY standard, and the function that can be used with DR-1, PRS, and MyStudioPC.
Overwrite recording	Editing method that allows you to record over gain at once when noticing any mistakes during recording. The recording is stopped temporarily at the stage where you noticed recording mistake, and return several phrases and restart recording. The phrase within the returned range is deleted, and replace with the newly recorded phrase.
Insert recording	Editing method of insert and recording to the content already recorded. It allows you to insert recording with the desired length in the favorable position.

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